

	Range		Units	Team ID >	ASU25	AUB25	BCIT1	CPP25	CSUS1
	Low	High		Team # >	1	2	3	4	5
Specification Test	0	124		Submittal errors	124	0	52	59	11
				Submittal Errors Note / Reason (original errors + additional errors)	No fiber length or mixture density (75+50)	Perfect!			
	0	10		Registration errors	10	0	0	3	0
				Registration Errors Note	Did not compete				
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	0.000	5122.490	5520.489	5678.489	5567.989
				Mass Check - Ball 1	Out of Range	Okay	Okay	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	0.000	5127.490	5229.990	5458.989	5562.489
			Mass Check - Ball 2	Out of Range	Okay	Okay	Okay	Okay	
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	0.0	189.4	195.2	190.1	187.6
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	0.0	192.1	195.1	190.0	188.3
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	0.0	189.6	195.2	192.6	187.6
				Average Diameter Check - Ball 1	Out of Range	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	0.0	190.4	196.4	191.0	187.7
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	0.0	190.3	195.4	191.4	188.0
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	0.0	190.7	195.8	191.3	187.9
				Average Diameter Check - Ball 2	Out of Range	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	0	6	0	6	3
	0	6		Frame 2 (target 6)	0	3	6	6	5
	0	6		Frame 3 (target 6)	0	6	0	4	6
	0	6		Frame 4 (target 6)	0	6	0	6	6
	0	6		Frame 5 (target 6)	0	4	3	5	6
	0	6		Frame 6 (target 6)	0	6	0	6	6
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	0	6,566	2,856	9,625	6,388
	3,000	60,000	pounds	Load @ 10mm deflection	0	10,645	6,325	5,705	11,925
	3,000	60,000	pounds	Load @ 15mm deflection	0	10,394	5,635	7,568	12,306
	3,000	60,000	pounds	Load @ 20mm deflection	0	10,647	5,992	7,184	12,941
	3,000	60,000	pounds	Load @ 25mm deflection	0	9,570	6,369	7,213	11,786
				All Loads Min/Max Check	Out of Range	Okay	Out of Range	Okay	Okay
	5,000	50,000		Load Average Min/Max Check	Out of Range	Okay	Okay	Okay	Okay
		%	COV	100.0	16.2	24.2	16.9	21.5	
Team Predictions	Decimal Places Allowed zeros (no deduct if extra decimals are zeros)		2	Mass Design Prediction (kg)	5250	5.32	5.711	5.74	5.65
				Receive deduct for decimal error			x		
				Receive deduct for range error	x				
			0	Diameter Design Prediction (mm)	192	189	200	188	184
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	6	6	5	4	5
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	COV% Design Prediction	12	23	12	20	10
			Receive deduct for decimal error						
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
			10	Specification Points	0.15	10.00	6.18	5.44	9.19
			10	Mass Points	0.00	7.28	4.31	7.61	8.82
			10	Diameter Points	0.00	9.08	7.09	8.01	7.50
			30	Bowling Points	0.00	25.83	12.50	22.50	28.33
			40	COV Points	0.00	30.95	0.00	35.83	24.73
				Total Points	0.1471	83.1327	30.0767	79.3898	78.5717
	Rank for Design Prediction	50	8	44	9	10			
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]			Points						
			10	Specification Points	0.15	10.00	6.18	5.44	9.19
			10	Mass Points	0.00	9.76	9.76	9.39	9.40
			10	Diameter Points	0.00	9.98	9.71	9.94	9.89
			30	Bowling Points	0.00	25.83	7.50	27.50	26.67
			40	COV Points	0.00	27.82	0.00	27.33	23.88
				Total Points	0.1471	83.3946	33.1483	79.6046	79.0285
	Rank for Analysis Test	50	8	42	11	12			
Aesthetic Evaluation			Aesthetic ID	00	64	00	72	86	
			Team Participation	No	Yes	No	Yes	Yes	
			Team Eligibility (meet all Rules, etc.)	No	Yes	No	Yes	Yes	
			Ineligibilty Reason	Not Participate		Not Participate			
			Percentage of Public Vote	--	4.92	--	0	0	
			Rank for Aesthetics						

	Range		Units	Team ID >	JALEN	TNM	mcmac	MTSU1	CMPT
	Low	High		Team # >	6	7	8	9	10
Specification Test	0	124		Submittal errors	46	124	54	26	104
				Submittal Errors Note / Reason (original errors + additional errors)		Added rows/ columns (full errors)			No fiber length or mixture density (54+50)
	0	10		Registration errors	0	2	0	0	1
				Registration Errors Note					
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	4888.990	5376.489	5175.990	5389.989	6794.986
				Mass Check - Ball 1	Okay	Okay	Okay	Okay	Out of Range
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5087.490	5376.489	5096.490	5449.989	6275.987
			Mass Check - Ball 2	Okay	Okay	Okay	Okay	Out of Range	
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	191.5	194.0	190.6	189.6	193.6
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	191.6	193.6	190.6	189.6	192.9
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	191.0	191.5	190.7	193.7	192.6
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	192.4	193.4	191.3	191.2	192.4
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	192.4	192.9	190.8	190.6	192.6
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	191.7	192.6	190.4	189.9	192.8
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	5	6	6	6	0
	0	6		Frame 2 (target 6)	0	3	6	6	0
	0	6		Frame 3 (target 6)	0	6	6	3	0
	0	6		Frame 4 (target 6)	0	5	3	4	0
	0	6		Frame 5 (target 6)	3	6	5	6	0
	0	6		Frame 6 (target 6)	1	6	6	6	0
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	6,893	2,034	8,148	12,451	2,774
	3,000	60,000	pounds	Load @ 10mm deflection	4,168	4,513	14,419	10,603	4,059
	3,000	60,000	pounds	Load @ 15mm deflection	4,044	7,858	10,651	9,565	3,706
	3,000	60,000	pounds	Load @ 20mm deflection	3,866	7,955	11,140	9,064	4,560
	3,000	60,000	pounds	Load @ 25mm deflection	3,806	8,980	9,802	8,875	5,722
				All Loads Min/Max Check	Okay	Out of Range	Okay	Okay	Out of Range
	5,000	50,000		Load Average Min/Max Check	Out of Range	Okay	Okay	Okay	Out of Range
			%	COV	25.8	41.4	19.0	13.0	23.4
Team Predictions	Decimal Places Allowed (no deduct if extra decimals are zeros)	2	Mass Design Prediction (kg)	5250	5.25	5.25	5.3	5.216312	
			Receive deduct for decimal error					x	
			Receive deduct for range error	x					
		0	Diameter Design Prediction (mm)	192	190	188	189	200	
			Receive deduct for decimal error						
			Receive deduct for range error						
		0	Bowling Design Prediction (pins/frame)	3	6	4	6	7	
			Receive deduct for decimal error						
			Receive deduct for range error					x	
		0	COV% Design Prediction	12	10	3	11	10	
	Receive deduct for decimal error								
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]	Points								
	10	Specification Points		6.62	0.74	6.03	8.09	2.28	
	10	Mass Points		0.00	8.23	8.41	8.32	0.00	
	10	Diameter Points		9.85	8.06	8.24	8.86	5.35	
	30	Bowling Points		22.50	26.67	23.33	25.83	0.00	
	40	COV Points		0.00	0.00	18.62	37.33	0.00	
		Total Points		38.9637	43.6928	64.6294	88.4444	7.6266	
		Rank for Design Prediction		39	33	22	5	49	
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]	Points								
	10	Specification Points		6.62	0.74	6.03	8.09	2.28	
	10	Mass Points		9.50	9.76	9.78	9.68	0.00	
	10	Diameter Points		9.91	9.84	9.96	9.96	9.85	
	30	Bowling Points		7.50	26.67	26.67	25.83	0.00	
	40	COV Points		0.00	0.00	25.70	30.23	0.00	
		Total Points		33.5263	47.0030	78.1407	83.7926	12.1318	
		Rank for Analysis Test		41	35	16	7	48	
Aesthetic Evaluation	Aesthetic ID			58	99	82	81	00	
	Team Participation			Yes	Yes	Yes	Yes	No	
	Team Eligibility (meet all Rules, etc.)			Yes	Yes	Yes	Yes	No	
	Ineligibilty Reason							Not Participate	
	Percentage of Public Vote			0	0	3.83	1.64	--	
	Rank for Aesthetics								

	Range		Units	Team ID >	NCSU1	PSU01	PUCP1	SVC25	#SJSU
	Low	High		Team # >	11	12	13	14	15
Specification Test	0	124		Submittal errors	19	56	52	22	24
				Submittal Errors Note / Reason (original errors + additional errors)		Wrong info in cell (cell C35) (32+22)			
	0	10		Registration errors	0	1	0	0	0
				Registration Errors Note					
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	5658.489	5724.489	5540.989	5513.489	4940.000
				Mass Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5652.989	5654.989	5549.489	5504.489	4833.490
				Mass Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	190.3	190.6	196.1	191.8	201.3
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	190.2	190.7	196.1	192.1	200.8
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	189.8	190.2	195.1	186.7	200.7
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	190.4	187.5	195.3	190.6	198.7
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	189.9	189.4	195.5	190.9	199.2
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	190.0	190.2	195.9	189.3	198.4
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	1	0	3	4	1
	0	6		Frame 2 (target 6)	4	6	4	6	3
	0	6		Frame 3 (target 6)	6	0	0	6	0
	0	6		Frame 4 (target 6)	4	4	0	5	6
	0	6		Frame 5 (target 6)	6	1	3	6	5
	0	6		Frame 6 (target 6)	6	0	1	1	3
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	13,824	9,192	3,294	5,273	5,622
	3,000	60,000	pounds	Load @ 10mm deflection	11,434	6,684	10,069	4,315	9,372
	3,000	60,000	pounds	Load @ 15mm deflection	13,319	6,853	13,223	4,460	13,416
	3,000	60,000	pounds	Load @ 20mm deflection	13,859	7,787	14,010	75	18,171
	3,000	60,000	pounds	Load @ 25mm deflection	16,367	8,432	13,386	3,251	12,718
				All Loads Min/Max Check	Okay	Okay	Okay	Out of Range	Okay
	5,000	50,000		Load Average Min/Max Check	Okay	Okay	Okay	Out of Range	Okay
			%	COV	11.4	12.2	37.0	52.3	35.4
Team Predictions	Decimal Places Allowed (no deduct if extra decimals are zeros)		2	Mass Design Prediction (kg)	5.65	5.58	3.15	5.28	4.78
				Receive deduct for decimal error					
				Receive deduct for range error			x		
			0	Diameter Design Prediction (mm)	190	190.5	194	191.5	194
				Receive deduct for decimal error		x		x	
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	6	8	5	4	5
				Receive deduct for decimal error					
				Receive deduct for range error		x			
			0	COV% Design Prediction	16	0.636	10	30	12
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
	10		Specification Points		8.60	5.81	6.18	8.38	8.24
	10		Mass Points		9.92	8.47	0.00	6.80	8.51
	10		Diameter Points		9.94	8.52	8.93	8.17	6.22
	30		Bowling Points		22.50	0.00	14.17	26.67	20.00
	40		COV Points		33.93	20.65	4.01	0.00	8.81
			Total Points		84.8944	43.4472	33.2871	50.0219	51.7726
			Rank for Design Prediction		6	34	43	32	30
			Points						
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]	10		Specification Points		8.60	5.81	6.18	8.38	8.24
	10		Mass Points		9.23	9.16	9.44	9.51	9.31
	10		Diameter Points		9.99	9.99	9.70	9.99	9.48
	30		Bowling Points		22.50	9.17	9.17	23.33	15.00
	40		COV Points		31.40	30.87	12.21	0.00	13.41
			Total Points		81.7236	64.9974	46.6961	51.2108	55.4378
			Rank for Analysis Test		9	26	36	33	30
			Points						
			Aesthetic ID		00	88	00	51	60
Aesthetic Evaluation			Team Participation		No	Yes	No	Yes	Yes
			Team Eligibility (meet all Rules, etc.)		No	Yes	No	Yes	Yes
			Ineligibility Reason		Not Participate		Not Participate		
			Percentage of Public Vote		--	0	--	0.55	1.64
			Rank for Aesthetics						

	Range		Units	Team ID >	SELU	COUGS	TECMX	AGGIE	TXST
	Low	High		Team # >	16	17	18	19	20
Specification Test	0	124		Submittal errors	49	45	124	10	12
				Submittal Errors Note / Reason (original errors + additional errors)			Added rows/ columns (full errors)		
	0	10		Registration errors	0	0	1	0	0
				Registration Errors Note					
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	5948.488	5051.990	5162.490	4826.490	5053.490
				Mass Check - Ball 1	Out of Range	Okay	Okay	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5956.488	5452.489	5167.990	4828.990	4780.990
			Mass Check - Ball 2	Out of Range	Okay	Okay	Okay	Okay	
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	201.6	191.3	188.4	189.4	194.4
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	200.0	191.3	188.2	189.6	194.5
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	202.7	188.6	188.7	190.0	194.0
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	200.0	191.0	187.6	189.7	195.5
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	201.6	188.1	185.9	190.3	194.6
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	199.9	189.6	185.0	190.5	195.6
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	6	6	0	6	0
	0	6		Frame 2 (target 6)	6	6	6	0	5
	0	6		Frame 3 (target 6)	0	6	6	0	3
	0	6		Frame 4 (target 6)	0	6	6	6	0
	0	6		Frame 5 (target 6)	3	0	6	6	0
	0	6		Frame 6 (target 6)	0	0	3	6	1
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	4,998	1,012	9,374	4,675	2,466
	3,000	60,000	pounds	Load @ 10mm deflection	4,224	1,763	13,834	6,716	1,515
	3,000	60,000	pounds	Load @ 15mm deflection	3,500	4,249	20,004	8,062	1,860
	3,000	60,000	pounds	Load @ 20mm deflection	4,244	5,277	20,240	9,904	1,917
	3,000	60,000	pounds	Load @ 25mm deflection	4,022	5,513	23,246	10,849	1,918
				All Loads Min/Max Check	Okay	Out of Range	Okay	Okay	Out of Range
	5,000	50,000		Load Average Min/Max Check	Out of Range	Out of Range	Okay	Okay	Out of Range
			%	COV	11.5	51.7	29.0	27.5	15.8
Team Predictions	Decimal Places Allowed (no deduct if extra decimals are zeros)		2	Mass Design Prediction (kg)	5750	5.25	5.2	4.93	5.3
				Receive deduct for decimal error					
				Receive deduct for range error	x				
			0	Diameter Design Prediction (mm)	200	190	190	191	193
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	4	5	6	5	5
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	COV% Design Prediction	15	10	10	14	15
			Receive deduct for decimal error						
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
			10	Specification Points	6.40	6.69	0.81	9.26	9.12
			10	Mass Points	0.00	9.97	9.51	8.57	4.65
			10	Diameter Points	9.37	10.00	8.26	9.30	8.85
			30	Bowling Points	22.50	25.00	22.50	25.00	12.50
			40	COV Points	0.00	0.00	14.71	22.01	0.00
				Total Points	38.2622	51.6576	55.7887	74.1451	35.1235
				Rank for Design Prediction	40	31	27	15	41
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]			Points						
			10	Specification Points	6.40	6.69	0.81	9.26	9.12
			10	Mass Points	0.00	10.00	9.84	9.20	9.37
			10	Diameter Points	9.42	10.00	9.86	10.00	9.75
			30	Bowling Points	12.50	20.00	22.50	20.00	7.50
			40	COV Points	0.00	0.00	18.24	19.35	0.00
				Total Points	28.3191	46.6867	61.2444	67.8015	35.7326
				Rank for Analysis Test	45	37	27	24	40
Aesthetic Evaluation			Aesthetic ID	97	77	69	65	83	
			Team Participation	Yes	Yes	Yes	Yes	Yes	
			Team Eligibility (meet all Rules, etc.)	Yes	Yes	Yes	Yes	Yes	
			Ineligibility Reason	Aesth. Rules lines 29-30					
			Percentage of Public Vote	--	0	0	3.28	0	
			Rank for Aesthetics						

	Range		Units	Team ID >	RLTDE	UTSA	1UABC	UANL1	UAEMX
	Low	High		Team # >	21	22	23	24	25
Specification Test	0	124		Submittal errors	60	33	65	23	47
				Submittal Errors Note / Reason (original errors + additional errors)					
	0	10		Registration errors	1	0	0	0	0
				Registration Errors Note					
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	5308.489	4576.991	10481.479	5342.989	5257.489
				Mass Check - Ball 1	Okay	Out of Range	Out of Range	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5163.990	4097.492	9280.481	5415.489	5254.489
			Mass Check - Ball 2	Okay	Out of Range	Out of Range	Okay	Okay	
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	191.8	193.7	207.8	190.9	186.2
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	191.3	192.4	205.2	190.6	186.1
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	191.4	189.8	206.8	190.2	185.9
				Average Diameter Check - Ball 1	Okay	Okay	Out of Range	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	190.2	191.0	198.1	191.3	186.2
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	191.7	190.5	201.5	190.8	186.1
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	191.2	190.1	201.5	190.8	186.2
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	6	4	3	3	4
	0	6		Frame 2 (target 6)	6	6	6	6	6
	0	6		Frame 3 (target 6)	6	3	6	6	6
	0	6		Frame 4 (target 6)	3	1	0	6	6
	0	6		Frame 5 (target 6)	6	0	6	6	6
	0	6		Frame 6 (target 6)	6	4	0	6	6
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	6,943	654	49,769	860	14,698
	3,000	60,000	pounds	Load @ 10mm deflection	4,501	606	10,615	21,580	17,754
	3,000	60,000	pounds	Load @ 15mm deflection	5,540	595	17,549	20,631	19,954
	3,000	60,000	pounds	Load @ 20mm deflection	3,442	595	27,019	24,900	19,195
	3,000	60,000	pounds	Load @ 25mm deflection	6,418	708	20,837	22,629	21,229
				All Loads Min/Max Check	Okay	Out of Range	Okay	Out of Range	Okay
	5,000	50,000		Load Average Min/Max Check	Okay	Out of Range	Okay	Okay	Okay
			%	COV	23.7	7.0	53.2	48.3	12.1
Team Predictions	Decimal Places Allowed (no deduct if extra decimals are zeros)		2	Mass Design Prediction (kg)	5.3	5.27	9.83	5.3	5.25
				Receive deduct for decimal error					
				Receive deduct for range error			x		
			0	Diameter Design Prediction (mm)	191	191	203	190	187
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	5	4	3.00	10	5
				Receive deduct for decimal error					
				Receive deduct for range error				x	
			0	COV% Design Prediction	5	10	57.00	10	5.00
			Receive deduct for decimal error						
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
			10	Specification Points	5.51	7.57	5.22	8.31	6.54
			10	Mass Points	9.11	0.00	0.00	8.89	9.92
			10	Diameter Points	9.82	9.84	0.00	9.51	9.43
			30	Bowling Points	27.50	25.00	27.50	0.00	26.67
			40	COV Points	15.10	0.00	35.00	0.00	30.60
				Total Points	67.0488	42.4093	67.7156	26.7144	83.1503
				Rank for Design Prediction	20	37	19	46	7
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]			Points						
			10	Specification Points	5.51	7.57	5.22	8.31	6.54
			10	Mass Points	9.97	0.00	0.00	9.75	9.99
			10	Diameter Points	9.93	9.93	0.00	9.96	9.80
			30	Bowling Points	27.50	15.00	17.50	27.50	28.33
			40	COV Points	22.22	0.00	0.00	0.00	30.95
				Total Points	75.1387	32.5075	22.7206	55.5230	85.6078
				Rank for Analysis Test	17	43	47	29	3
Aesthetic Evaluation			Aesthetic ID	56	70	67	61	79	
			Team Participation	Yes	Yes	Yes	Yes	Yes	
			Team Eligibility (meet all Rules, etc.)	Yes	Yes	No	Yes	Yes	
			Ineligibilty Reason			Aesth. Rules lines 44-45			
			Percentage of Public Vote	1.64	0.55	--	0.55	3.28	
				Rank for Aesthetics					

	Range		Units	Team ID >	UCSM	BUHOS	UMGQT	UMSNH	PUMAS
	Low	High		Team # >	26	27	28	29	30
Specification Test	0	124		Submittal errors	3	46	41	29	14
				Submittal Errors Note / Reason (original errors + additional errors)					
	0	10		Registration errors	0	1	0	3	0
				Registration Errors Note				Late Letter of Verification	
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	5259.989	5733.989	5300.489	5110.490	5438.489
				Mass Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5311.989	5615.989	5274.989	5284.489	5106.990
				Mass Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	188.7	191.9	187.7	178.8	184.3
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	188.5	191.9	187.8	179.4	185.0
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	188.7	192.0	189.8	179.4	192.4
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	190.6	192.5	189.4	179.9	186.5
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	189.1	192.0	190.2	180.5	187.3
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	189.2	191.9	190.2	180.4	187.5
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	4	3	6	0	0
	0	6		Frame 2 (target 6)	6	1	1	3	6
	0	6		Frame 3 (target 6)	6	6	6	6	0
	0	6		Frame 4 (target 6)	6	6	6	6	6
	0	6		Frame 5 (target 6)	6	6	6	6	6
	0	6		Frame 6 (target 6)	6	6	0	6	1
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	10,410	6,297	4,732	7,340	12,759
	3,000	60,000	pounds	Load @ 10mm deflection	15,230	15,531	9,314	9,232	17,784
	3,000	60,000	pounds	Load @ 15mm deflection	10,453	10,310	10,028	9,990	20,483
	3,000	60,000	pounds	Load @ 20mm deflection	10,340	10,952	10,614	9,883	18,284
	3,000	60,000	pounds	Load @ 25mm deflection	9,623	10,626	8,887	11,705	15,725
				All Loads Min/Max Check	Okay	Okay	Okay	Okay	Okay
	5,000	50,000		Load Average Min/Max Check	Okay	Okay	Okay	Okay	Okay
		%	COV	18.1	27.3	23.8	14.6	15.3	
Team Predictions	Decimal Places Allowed (no deduct if extra decimals are zeros)		2	Mass Design Prediction (kg)	5.3	5.6	5.28	5.74	5.35
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	Diameter Design Prediction (mm)	189	193	189	180	185
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	6	6	6	36	6
				Receive deduct for decimal error					
				Receive deduct for range error				x	
0	COV% Design Prediction	16	15	16	9	5.46			
			Receive deduct for decimal error				x		
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
			10	Specification Points	9.78	6.54	6.99	7.65	8.97
			10	Mass Points	9.80	8.95	9.89	2.42	8.92
			10	Diameter Points	9.90	9.38	9.90	9.82	8.61
			30	Bowling Points	28.33	23.33	20.83	0.00	15.83
			40	COV Points	37.16	23.63	29.55	32.52	22.84
				Total Points	94.9835	71.8341	77.1548	52.4005	65.1750
				Rank for Design Prediction	2	17	11	29	21
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]			Points						
			10	Specification Points	9.78	6.54	6.99	7.65	8.97
			10	Mass Points	9.93	9.19	9.93	9.90	9.96
			10	Diameter Points	9.96	9.89	9.96	9.46	9.85
			30	Bowling Points	28.33	23.33	20.83	22.50	15.83
			40	COV Points	26.38	19.51	22.09	29.02	28.48
				Total Points	84.3823	68.4684	69.7928	78.5287	73.0915
				Rank for Analysis Test	5	23	22	14	19
Aesthetic Evaluation			Aesthetic ID	85	00	94	71	90	
			Team Participation	Yes	No	Yes	Yes	Yes	
			Team Eligibility (meet all Rules, etc.)	Yes	No	No	Yes	No	
			Ineligibilty Reason		Not Participate	Aesth. Rules lines 29-30		Aesth. Rules lines 29-30	
			Percentage of Public Vote	5.46	--	--	1.09	--	
			Rank for Aesthetics						

	Range		Units	Team ID >	UNIPL	UNSAC	UPGDL	PUOPR	USFQA
	Low	High		Team # >	31	32	33	34	35
Specification Test	0	124		Submittal errors	9	20	28	63	34
				Submittal Errors Note / Reason (original errors + additional errors)					
	0	10		Registration errors	0	1	0	0	0
				Registration Errors Note					
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	5255.489	5219.490	5666.489	5732.989	5515.489
				Mass Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5255.489	5245.489	5667.489	5704.489	5501.489
			Mass Check - Ball 2	Okay	Okay	Okay	Okay	Okay	
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	190.1	189.8	190.0	193.6	178.1
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	190.3	191.0	190.2	194.6	177.9
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	190.1	190.4	189.6	194.9	177.7
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	190.2	190.8	190.4	194.2	178.2
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	189.7	193.2	190.5	195.3	178.5
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	189.7	193.3	190.2	194.3	178.3
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	4	6	4	6	1
	0	6		Frame 2 (target 6)	4	6	3	6	4
	0	6		Frame 3 (target 6)	6	6	6	6	6
	0	6		Frame 4 (target 6)	3	6	6	1	6
	0	6		Frame 5 (target 6)	6	6	6	6	3
	0	6		Frame 6 (target 6)	5	6	6	3	6
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	16,988	12,059	15,695	12,284	18,172
	3,000	60,000	pounds	Load @ 10mm deflection	17,106	9,896	17,526	15,835	10,504
	3,000	60,000	pounds	Load @ 15mm deflection	20,540	13,296	21,504	16,914	19,402
	3,000	60,000	pounds	Load @ 20mm deflection	21,331	12,200	20,991	17,561	16,726
	3,000	60,000	pounds	Load @ 25mm deflection	20,874	13,062	20,806	16,490	19,042
				All Loads Min/Max Check	Okay	Okay	Okay	Okay	Okay
	5,000	50,000		Load Average Min/Max Check	Okay	Okay	Okay	Okay	Okay
		%	COV	9.9	9.9	11.8	11.7	19.5	
Team Predictions	Decimal Places Allowed zeros (no deduct if extra decimals are zeros)		2	Mass Design Prediction (kg)	5.25	5.25	5.25	5.003	5.54
				Receive deduct for decimal error				x	
				Receive deduct for range error					
			0	Diameter Design Prediction (mm)	190.6	190	190	180	178
				Receive deduct for decimal error	x				
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	5	6	6.00	9	5
				Receive deduct for decimal error					
				Receive deduct for range error				x	
0	COV% Design Prediction	9	13	25.00	21.3	6			
			Receive deduct for decimal error			x			
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
			10	Specification Points	9.34	8.46	7.94	5.37	7.50
			10	Mass Points	9.92	9.76	4.17	0.00	9.56
			10	Diameter Points	8.62	9.10	9.90	0.64	9.93
			30	Bowling Points	28.33	30.00	25.83	0.00	26.67
			40	COV Points	38.84	35.91	22.46	23.23	22.03
				Total Points	95.0487	93.2203	70.3081	29.2350	75.6884
				Rank for Design Prediction	1	3	18	45	12
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]			Points						
			10	Specification Points	9.34	8.46	7.94	5.37	7.50
			10	Mass Points	9.99	9.97	9.21	9.11	9.51
			10	Diameter Points	10.00	9.93	9.99	9.76	9.37
			30	Bowling Points	23.33	30.00	25.83	23.33	21.67
			40	COV Points	32.58	32.54	31.10	31.20	25.37
				Total Points	85.2444	90.8871	84.0770	78.7692	73.4194
				Rank for Analysis Test	4	1	6	13	18
Aesthetic Evaluation			Aesthetic ID	52	89	98	00	54	
			Team Participation	Yes	Yes	Yes	No	Yes	
			Team Eligibility (meet all Rules, etc.)	Yes	Yes	No	No	No	
			Ineligibility Reason			Aesth. Rules lines 22, 29-30	Not Participate	Aesth. Rules lines 44-45	
			Percentage of Public Vote	0.55	0	--	--	--	
			Rank for Aesthetics						

	Range		Units	Team ID >	BHIMA	UFGTR	UHD25	TUIUC	UNLV
	Low	High		Team # >	36	37	38	39	40
Specification Test	0	124		Submittal errors	21	26	61	82	35
				Submittal Errors Note / Reason (original errors + additional errors)				Wrong info in cell (cell C35) (58+22)	
	0	10		Registration errors	0	3	0	0	3
				Registration Errors Note		Late Letter of Verification			Late Letter of Verification
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	5248.989	5128.990	8078.984	5275.989	5073.490
				Mass Check - Ball 1	Okay	Okay	Out of Range	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5515.489	5116.990	8154.484	5610.489	4867.490
			Mass Check - Ball 2	Okay	Okay	Out of Range	Okay	Okay	
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	189.9	192.0	186.8	199.7	197.2
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	190.4	191.1	186.7	202.9	200.5
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	190.4	192.1	186.7	202.9	200.5
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	195.5	191.8	188.7	201.2	198.6
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	195.9	190.8	187.9	200.0	195.6
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	197.1	191.1	188.3	199.8	196.9
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	5	6	6	6	0
	0	6		Frame 2 (target 6)	6	5	4	6	6
	0	6		Frame 3 (target 6)	6	0	4	3	0
	0	6		Frame 4 (target 6)	6	6	6	6	0
	0	6		Frame 5 (target 6)	6	6	6	6	0
	0	6		Frame 6 (target 6)	6	1	5	6	0
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	6,566	4,287	11,136	5,762	719
	3,000	60,000	pounds	Load @ 10mm deflection	12,196	4,480	10,328	10,300	449
	3,000	60,000	pounds	Load @ 15mm deflection	6,326	4,615	10,050	16,329	435
	3,000	60,000	pounds	Load @ 20mm deflection	8,606	4,802	14,050	14,290	1,018
	3,000	60,000	pounds	Load @ 25mm deflection	9,868	5,267	11,371	14,730	1,276
				All Loads Min/Max Check	Okay	Okay	Okay	Okay	Out of Range
	5,000	50,000		Load Average Min/Max Check	Okay	Out of Range	Okay	Okay	Out of Range
		%	COV	25.0	7.1	12.5	31.1	41.9	
Team Predictions	Decimal Places Allowed (no deduct if extra decimals are zeros)		2	Mass Design Prediction (kg)	5.25	5.2	9	5.372	5.5
				Receive deduct for decimal error				x	
				Receive deduct for range error			x		
			0	Diameter Design Prediction (mm)	190	189.5	203	203.76	197
				Receive deduct for decimal error		x		x	
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	6	5.8	5	6	4
				Receive deduct for decimal error		x			
				Receive deduct for range error					
			0	COV% Design Prediction	12.5	7	1.97	11.0	10
			Receive deduct for decimal error	x		x			
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
			10	Specification Points	8.46	7.87	5.51	3.97	7.21
			10	Mass Points	8.15	8.92	0.00	8.00	2.60
			10	Diameter Points	7.94	7.73	0.00	7.28	9.21
			30	Bowling Points	29.17	18.00	29.17	27.50	15.00
			40	COV Points	19.29	0.00	22.01	13.23	0.00
				Total Points	73.0042	42.5192	56.6952	59.9879	34.0226
				Rank for Design Prediction	16	36	26	23	42
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]			Points						
			10	Specification Points	8.46	7.87	5.51	3.97	7.21
			10	Mass Points	9.75	9.76	0.00	9.63	9.47
			10	Diameter Points	9.83	9.92	9.87	9.42	9.57
			30	Bowling Points	29.17	20.00	25.83	27.50	5.00
			40	COV Points	21.19	0.00	30.64	16.66	0.00
				Total Points	78.3964	47.5485	71.8583	67.1736	31.2412
				Rank for Analysis Test	15	34	21	25	44
Aesthetic Evaluation			Aesthetic ID	62	00	53	68	75	
			Team Participation	Yes	No	Yes	Yes	Yes	
			Team Eligibility (meet all Rules, etc.)	Yes	No	Yes	Yes	Yes	
			Ineligibilty Reason		Not Participate				
			Percentage of Public Vote	3.28	--	2.19	1.09	0	
				Rank for Aesthetics					

	Range		Units	Team ID >	JINXC	AClUO	UPRM	ECON	TOL25
	Low	High		Team # >	41	42	43	44	45
Specification Test	0	124		Submittal errors	70	23	9	62	0
				Submittal Errors Note / Reason (original errors + additional errors)					Perfect!
	0	10		Registration errors	0	1	0	10	0
				Registration Errors Note				Did not compete	
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	5189.490	5576.989	5335.989	0.000	5107.490
				Mass Check - Ball 1	Okay	Okay	Okay	Out of Range	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	5260.489	7197.486	5394.989	0.000	5314.989
			Mass Check - Ball 2	Okay	Out of Range	Okay	Out of Range	Okay	
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	190.5	193.4	199.1	0.0	189.0
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	192.0	191.7	202.8	0.0	190.1
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	191.9	195.0	202.3	0.0	188.9
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Out of Range	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	190.9	189.1	199.4	0.0	188.8
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	191.6	191.7	199.9	0.0	191.9
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	190.3	193.8	199.7	0.0	191.4
			Average Diameter Check - Ball 2	Okay	Okay	Okay	Out of Range	Okay	
Bowling Test	0	6		Frame 1 (target 6)	4	0	6	0	1
	0	6		Frame 2 (target 6)	0	0	6	0	6
	0	6		Frame 3 (target 6)	0	3	6	0	6
	0	6		Frame 4 (target 6)	6	0	6	0	6
	0	6		Frame 5 (target 6)	6	0	6	0	6
	0	6		Frame 6 (target 6)	6	3	6	0	6
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	2,706	3,551	8,160	0	1,014
	3,000	60,000	pounds	Load @ 10mm deflection	5,762	2,269	6,278	0	712
	3,000	60,000	pounds	Load @ 15mm deflection	9,775	1,908	7,615	0	646
	3,000	60,000	pounds	Load @ 20mm deflection	10,652	1,192	8,504	0	520
	3,000	60,000	pounds	Load @ 25mm deflection	11,342	1,171	8,983	0	561
				All Loads Min/Max Check	Out of Range	Out of Range	Okay	Out of Range	Out of Range
	5,000	50,000		Load Average Min/Max Check	Okay	Out of Range	Okay	Out of Range	Out of Range
		%	COV	41.0	43.3	11.7	100.0	25.3	
Team Predictions	Decimal Places Allowed (no deduct if extra decimals are zeros)	2	Mass Design Prediction (kg)	5.25	5.45	5.25	5.25	5.25	
			Receive deduct for decimal error						
			Receive deduct for range error						
		0	Diameter Design Prediction (mm)	190	188	200	190	189	
			Receive deduct for decimal error						
			Receive deduct for range error						
		0	Bowling Design Prediction (pins/frame)	6	5	6	5	6	
			Receive deduct for decimal error						
			Receive deduct for range error						
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]	0	COV% Design Prediction	10	5	15	15	15		
		Receive deduct for decimal error							
	Points								
	10	Specification Points	4.85	8.24	9.34	4.71	10.00		
	10	Mass Points	9.65	0.00	8.39	0.00	9.46		
	10	Diameter Points	9.23	7.12	9.66	0.00	9.33		
	30	Bowling Points	18.33	10.00	30.00	5.00	25.83		
	40	COV Points	0.00	0.00	35.66	0.00	0.00		
	Total Points		42.0644	25.3532	93.0527	9.7059	54.6237		
	Rank for Design Prediction		38	47	4	48	28		
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]	Points								
	10	Specification Points	4.85	8.24	9.34	4.71	10.00		
	10	Mass Points	9.95	0.00	9.78	0.00	9.93		
	10	Diameter Points	9.94	9.87	9.45	0.00	10.00		
	30	Bowling Points	18.33	5.00	30.00	0.00	25.83		
	40	COV Points	0.00	0.00	31.17	0.00	0.00		
		Total Points		43.0758	23.1060	89.7390	4.7059	55.7578	
	Rank for Analysis Test		39	46	2	49	28		
Aesthetic Evaluation	Aesthetic ID			87	00	76	00	73	
	Team Participation			Yes	No	Yes	No	Yes	
	Team Eligibility (meet all Rules, etc.)			Yes	No	Yes	No	Yes	
	Ineligibilty Reason				Not Participate		Not Participate		
	Percentage of Public Vote			15.3	--	10.38	--	--	
	Rank for Aesthetics			1		2		Judge's Choice	

	Range		Units	Team ID >	UofT	DAWGS	UWO	WPU25	Score?
	Low	High		Team # >	46	47	48	49	50
Specification Test	0	124		Submittal errors	16	124	124	4	25
				Submittal Errors Note / Reason (original errors + additional errors)		Added rows/ columns (full errors)	Mix design not match submittal (full errors)		
	0	10		Registration errors	0	0	0	0	0
				Registration Errors Note					
	0	2		Bowling escort errors	0	0	0	0	0
Mass Test	4,750	5,750	grams	Mass Ball 1 (target 5,250 g)	3898.992	5614.989	4809.990	5361.989	5569.489
				Mass Check - Ball 1	Out of Range	Okay	Okay	Okay	Okay
	4,750	5,750	grams	Mass Ball 2 (target 5,250 g)	3810.992	5625.989	4444.991	5293.489	5417.489
				Mass Check - Ball 2	Out of Range	Okay	Out of Range	Okay	Okay
Diameter Test	175	205	mm	Diameter 1 Ball 1 (target 190 mm)	189.0	190.2	189.9	189.5	189.7
	175	205	mm	Diameter 2 Ball 1 (target 190 mm)	189.5	191.4	190.1	188.8	191.4
	175	205	mm	Diameter 3 Ball 1 (target 190 mm)	189.3	192.3	190.6	189.2	190.5
				Average Diameter Check - Ball 1	Okay	Okay	Okay	Okay	Okay
	175	205	mm	Diameter 1 Ball 2 (target 190 mm)	190.4	190.4	189.5	189.6	189.5
	175	205	mm	Diameter 2 Ball 2 (target 190 mm)	185.4	190.1	190.0	189.4	191.1
	175	205	mm	Diameter 3 Ball 2 (target 190 mm)	189.7	190.2	190.1	188.5	190.7
				Average Diameter Check - Ball 2	Okay	Okay	Okay	Okay	Okay
Bowling Test	0	6		Frame 1 (target 6)	0	6	1	6	0
	0	6		Frame 2 (target 6)	6	6	6	3	0
	0	6		Frame 3 (target 6)	6	5	6	5	0
	0	6		Frame 4 (target 6)	6	6	6	6	0
	0	6		Frame 5 (target 6)	6	6	4	6	0
	0	6		Frame 6 (target 6)	6	6	6	6	0
Toughness Test	3,000	60,000	pounds	Load @ 5mm deflection	1,641	5,240	7,630	8,948	6,293
	3,000	60,000	pounds	Load @ 10mm deflection	4,336	9,152	11,913	17,865	7,955
	3,000	60,000	pounds	Load @ 15mm deflection	6,414	9,613	16,332	17,719	8,550
	3,000	60,000	pounds	Load @ 20mm deflection	7,835	10,030	18,021	17,369	9,644
	3,000	60,000	pounds	Load @ 25mm deflection	8,070	11,019	15,199	16,680	10,724
				All Loads Min/Max Check	Out of Range	Okay	Okay	Okay	Okay
	5,000	50,000		Load Average Min/Max Check	Okay	Okay	Okay	Okay	Okay
			%	COV	42.6	22.0	26.6	21.7	17.4
Team Predictions	Decimal Places Allowed zeros) (no deduct if extra decimals are		2	Mass Design Prediction (kg)	4.81	5.62	5261	5.25	5.25
				Receive deduct for decimal error					
				Receive deduct for range error			x		
			0	Diameter Design Prediction (mm)	190	190	190	190	191
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	Bowling Design Prediction (pins/frame)	6	5	5	5	5
				Receive deduct for decimal error					
				Receive deduct for range error					
			0	COV% Design Prediction	10	13	12.5	6	10
				Receive deduct for decimal error			x		
DESIGN PREDICTION CATEGORY RESULTS Difference between Design Prediction and Analysis Test [ABS(DP-AT)]			Points						
	10			Specification Points	8.82	0.88	0.88	9.71	8.16
	10			Mass Points	0.00	9.99	0.00	8.91	6.60
	10			Diameter Points	9.28	9.50	9.97	9.47	9.66
	30			Bowling Points	25.00	25.83	29.17	28.33	5.00
	40			COV Points	0.00	27.98	17.14	19.08	30.08
				Total Points	43.1000	74.1896	57.1550	75.5018	59.4989
				Rank for Design Prediction	35	14	25	13	24
ANALYSIS TEST CATEGORY RESULTS Difference between Target and Analysis Test [ABS(T-AT)]			Points						
	10			Specification Points	8.82	0.88	0.88	9.71	8.16
	10			Mass Points	0.00	9.29	0.00	9.85	9.54
	10			Diameter Points	9.94	9.96	10.00	9.96	9.97
	30			Bowling Points	25.00	29.17	24.17	26.67	0.00
	40			COV Points	0.00	23.46	19.98	23.71	26.90
				Total Points	43.7646	72.7644	55.0280	79.8870	54.5689
				Rank for Analysis Test	38	20	31	10	32
Aesthetic Evaluation				Aesthetic ID	80	93	91	55	84
				Team Participation	Yes	Yes	Yes	Yes	Yes
				Team Eligibility (meet all Rules, etc.)	No	Yes	Yes	Yes	Yes
				Ineligibility Reason	Aesth. Rules line 22				
				Percentage of Public Vote	--	9.29	0.55	5.46	0
				Rank for Aesthetics		3			