


Testing	: Compressive Properties of Rigid Plastics
Test Method	: ASTM D695-15 Modified test speed, specimens and no extensometer
Project Number	: P20181257
Customer	: MSMG Shims
Attention	: Igor Mickoski
Analyst	: J. Storie
Date	: April 16, 2018



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TESTING LABORATORY

Specimen Type	: Rectangular Prism
Cross-Head Speed	: 0.5 in/min
Specimen Preparation	: Machined by Intertek PTL
Conditioning	: 88+ hours at 23°C ± 2°C / 50%RH ± 10%
Test Conditions	: 23°C ± 2°C / 50% ± 10% RH
Significance	: ASTM D 695 specifies that strength and modulus be reported to 3 significant figures, and standard deviation be reported to 2 significant figures.

Sample Name	Test Number	Width (in)	Thickness (in)	Compressive Stress at 1% Offset Yield (psi)	Compressive Strength at Max Load (psi)
Horseshoe Shim Black 3/4" HIPS	1	0.357	0.358	---	8620
	2	0.357	0.358	---	9570
	3	0.358	0.359	---	8600
	4	0.357	0.359	---	8270
	5	0.357	0.358	---	8470
			Average		8710
			Std. Dev.		500
Horseshoe Shim Blue 1/2" PP	1	0.206	0.207	5650	---
	2	0.206	0.206	5840	---
	3	0.207	0.207	5620	---
	4	0.207	0.207	5590	---
	5	0.206	0.206	5610	---
	6	0.205	0.207	5420	---
			Average	5620	
			Std. Dev.	130	

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