

**Plaslube® ABS/PA 1700**

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene + PA*

**General**

Material Status	• Commercial: Active
Availability	• North America
Appearance	• Colors Available      • Natural Color
Forms	• Pellets
Processing Method	• Extrusion

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.05		ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/10.0 kg)	3.3	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	6.0E-3	in/in	ASTM D955
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength (Break)	7500	psi	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	360000	psi	ASTM D790
Flexural Strength	12300	psi	ASTM D790
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact			ASTM D256
-40°F, 0.125 in	1.0	ft·lb/in	
32°F, 0.125 in	1.9	ft·lb/in	
73°F, 0.125 in	2.4	ft·lb/in	
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Rockwell Hardness (R-Scale)	110		ASTM D785
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (66 psi, Unannealed)	200	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	168	°F	ASTM D648
<b>Flammability</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Flame Rating (0.06 in)	HB		UL 94

