

Plaslube® ABS/PA 1700 B1

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene + PA*

General Information

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
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
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	7500	psi	ASTM D638
Tensile Elongation (Break)	75	%	ASTM D638
Flexural Modulus	290000	psi	ASTM D790
Flexural Strength	12300	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
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	10	ft·lb/in	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	200	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	168	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

Notes

¹ Typical properties: these are not to be construed as specifications.

