

Plaslube® ABS 8007

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

General Information

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Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose • High Flow
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
220°C/10.0 kg	35	g/10 min	
230°C/3.8 kg	10	g/10 min	
Molding Shrinkage - Flow (0.125 in)	5.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4800	psi	ASTM D638
Tensile Elongation (Yield)	2.0	%	ASTM D638
Flexural Modulus	340000	psi	ASTM D790
Flexural Strength	9400	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-22°F, 0.125 in	1.5	ft·lb/in	
0°F, 0.125 in	1.6	ft·lb/in	
73°F, 0.125 in	4.5	ft·lb/in	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	192	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	167	°F	ASTM D648

Notes

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

