

Plaslube® ABS 8005

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

General Information

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.06		ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
220°C/10.0 kg	6.0	g/10 min	
230°C/3.8 kg	2.5	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6300	psi	ASTM D638
Tensile Elongation (Yield)	15	%	ASTM D638
Flexural Modulus	350000	psi	ASTM D790
Flexural Strength	10700	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	2.7	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Annealed)	221	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Annealed)	239	°F	ASTM D648

Notes

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

