

Plaslube® ABS 8008

Acrylonitrile Butadiene Styrene

Techmer Engineered Solutions

Message:

Plaslube® ABS 8008 is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in North America.

General Information			
Features	General Purpose		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	4.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.8	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	64.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	53	J/m	
0°C, 3.18 mm	100	J/m	
23°C, 3.18 mm	300	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	104	°C	
1.8 MPa, Unannealed	77.8	°C	

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Recommended distributors for this material

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