

Plaslube® ABS 8009 FR

Acrylonitrile Butadiene Styrene

Techmer Engineered Solutions

Message:

Plaslube® ABS 8009 FR is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in North America. Characteristics include:
Flame Retardant
Heat Resistant

General Information			
Features	Flame Retardant		
	High Heat Resistance		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	6.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.2	MPa	ASTM D638
Tensile Elongation (Yield)	3.0	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	71.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	69	J/m	
0°C, 3.18 mm	85	J/m	
23°C, 3.18 mm	150	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	107	°C	
1.8 MPa, Unannealed	94.4	°C	

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Recommended distributors for this material

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