

# Plaslube® ABS 8005

Acrylonitrile Butadiene Styrene

Techmer Engineered Solutions

## Message:

Plaslube® ABS 8005 is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in North America. Primary characteristic: heat resistant.

General Information			
Features	High Heat Resistance		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm <sup>3</sup>	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	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Tensile Elongation (Yield)	15	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	73.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Annealed	105	°C	
1.8 MPa, Annealed	115	°C	

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## Recommended distributors for this material

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