

Plaslube® ABS 8010

Acrylonitrile Butadiene Styrene

Techmer Engineered Solutions

Message:

Plaslube® ABS 8010 is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by extrusion blow molding or sheet extrusion and is available in North America.

General Information			
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Extrusion Blow Molding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
220°C/10.0 kg	2.3	g/10 min	
230°C/3.8 kg	0.20	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	200	MPa	ASTM D790
Flexural Strength	57.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	180	J/m	
0°C, 3.18 mm	280	J/m	
23°C, 3.18 mm	420	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	93.9	°C	
1.8 MPa, Unannealed	78.9	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

