

Sibur ABS 1030 (30,31) Molding Grade ABS Plastic

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

With high fluidity of melting, thermal and light resistance for large parts of devices, parts of refrigerators, and for hearing aids. Mark is allowed for contact with food products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sibur-ABS-1030-3031-Molding-Grade-ABS-Plastic.php

Physical Properties	Metric	English	Comments
Water Absorption	<= 0.30 %	<= 0.30 %	
Melt Index of Compound	20 - 30 g/10 min	20 - 30 g/10 min	I Preparation
	<= 30 g/10 min	<= 30 g/10 min	II Preparation

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 17 %	>= 17 %	II Preparation
	>= 20 %	>= 20 %	I Preparation
Izod Impact, Notched (ISO)	>= 10.0 kJ/m ²	>= 4.76 ft-lb/in ²	II Preparation
	>= 12.0 kJ/m ²	>= 5.71 ft-lb/in ²	I preparation

Thermal Properties	Metric	English	Comments
Vicat Softening Point	<= 88.0 Â°C	<= 190 Â°F	II Preparation
	<= 90.0 Â°C	<= 194 Â°F	I Preparation

Optical Properties	Metric	English	Comments
Gloss	80 %	80 %	

Chemical Properties	Metric	English	Comments
Styrene Content	<= 0.050 %	<= 0.050 %	

Descriptive Properties	Value	Comments
Acrylonitrile Content	<.001	
Impact Tension Strength	>10 MPa	Preparation II
	>12 MPa	Preparation I

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