

Plastics Group Polifil® RP-ABS Acrylonitrile-Butadiene Styrene, Standard Version

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

Material Notes:

Polifil® RP- Acrylonitrile-Butadiene Styrene is a styrenic resin with improved toughness and heat resistance versus HIPS grades. ABS exhibits high gloss, low shrinkage, and good dimensional stability. ABS is widely used in injection molding of appliances, furniture, and automotive parts. ABS also has high melt strength suitable for the production of extruded sheet, some of considerable size and thickness. Applications include panels for large appliances and thermoformed items such as hot tubs and recreational vehicle parts. Information provided by The Plastics Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plastics-Group-Polifil-RP-ABS-Acrylonitrile-Butadiene-Styrene-Standard-Version.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	24 hours; ASTM D570
Melt Flow	4.0 - 8.0 g/10 min	4.0 - 8.0 g/10 min	230/3.8; May be specified; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	37.9 MPa	5500 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Modulus	2.14 GPa	310 ksi	1% Secant; ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	98.9 °C	210 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China