

Akro-Plastic Akromid® B3 GF 30 RM-M (3016) PA 6 Conditioned, 30% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Glass Fiber Filled

Material Notes:

Description: AKROMID B3 GF 30 RM-M natural (3291) is a 30% glass fiber reinforced polyamide 6 with high stiffness and strength, limited moisture absorption and light inherent color. Applications: Applications are housings and other dimensional stable parts in the automotive and electronic industry. Information from Akro-Plastic

Order this product through the following link:

http://www.lookpolymers.com/polymer_Akro-Plastic-Akromid-B3-GF-30-RM-M-3016-PA-6-Conditioned-30-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	ISO 1183
Filler Content	30 %	30 %	ISO 1172
Water Absorption	1.65 % @Temperature 70.0 °C	1.65 % @Temperature 158 °F	62% RH. Humidity; ISO 1110
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	ISO 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	5 [mm/min]; ISO 527-2/5
Elongation at Break	4.5 %	4.5 %	5 [mm/min]; ISO 527-2/5
Tensile Modulus	7.10 GPa	1030 ksi	1 [mm/min]; ISO 527-1/2
Charpy Impact Unnotched	6.00 J/cm ² @Temperature -30.0 °C	28.6 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU
	7.00 J/cm ² @Temperature 23.0 °C	33.3 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eU
Charpy Impact, Notched	1.00 J/cm ² @Temperature -30.0 °C	4.76 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eA
	1.50 J/cm ² @Temperature 23.0 °C	7.14 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

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