

Akro-Plastic Akromid® A3 GF 15 (2418) PA 6.6 Conditioned, 15% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

Material Notes:

AKROMID® A (Polyamide 6.6) is an engineering compound, characterized by high mechanical strength, stiffness and thermal resistance. Furthermore, this polyamide offers high toughness at low temperatures as well as easy processing. AKROMID® A is an engineering plastic compound that allows a broad range of possible applications. On the basis of these standard types, we are able to develop individual compounds for special application needs. Information from Akro-Plastic

Order this product through the following link:

http://www.lookpolymers.com/polymer_Akro-Plastic-Akromid-A3-GF-15-2418-PA-66-Conditioned-15-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ISO 1183
Filler Content	15 %	15 %	ISO 1172
Water Absorption	2.5 - 2.7 % @Temperature 70.0 °C	2.5 - 2.7 % @Temperature 158 °F	62% r.h., Humidity; ISO 62
Water Absorption at Saturation	6.7 - 7.3 % @Time 82800 sec	6.7 - 7.3 % @Time 23.0 hour	ISO 62
Linear Mold Shrinkage, Flow	0.0040 cm/cm	0.0040 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.014 cm/cm	0.014 in/in	ISO 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	80.0 MPa	11600 psi	5 [mm/min]; ISO 527-1/2
Elongation at Break	12 %	12 %	5 [mm/min]; ISO 527-1/2
Tensile Modulus	3.70 GPa	537 ksi	1[mm/min]; ISO 527-1/2
Charpy Impact Unnotched	8.80 J/cm ² @Temperature 23.0 °C	41.9 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eU
Charpy Impact, Notched	0.800 J/cm ² @Temperature 23.0 °C	3.81 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	262 °C	504 °F	ISO 11357-1/3

Electrical Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Volume Resistivity Electrical Properties	1.00e+10 ohm-cm Metric	1.00e+10 ohm-cm English	IEC 60093 Comments
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	IEC 60093

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