

Addiplast Addinyl B2H G15 Flame Retardant Nylon 6, 15% Glass Bead

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Glass Bead Filled , Nylon 6, Glass Fiber Filled, Flame Retardant

Material Notes:

Flame retardant, 15% glass bead filled, with halogens Information provided by Addiplast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addiplast-Addinyl-B2H-G15-Flame-Retardant-Nylon-6-15-Glass-Bead.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	86	86	Conditioned; ISO 868
	88	88	ISO 868
Tensile Strength at Break	32.0 MPa	4640 psi	Conditioned; ISO R 527
	62.0 MPa	8990 psi	ISO R 527
Elongation at Break	4.0 %	4.0 %	ISO R 527
	25 %	25 %	Conditioned; ISO R 527
Modulus of Elasticity	1.60 GPa	232 ksi	Conditioned; ISO 178
	3.60 GPa	522 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	Conditioned; ISO 180/1A
	3.50 kJ/m ²	1.67 ft-lb/in ²	ISO 180/1A
Charpy Impact Unnotched	2.50 J/cm ²	11.9 ft-lb/in ²	ISO 179/IeU
	6.50 J/cm ²	30.9 ft-lb/in ²	Conditioned; ISO 179/IeU
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	ISO 179/IeA
	0.300 J/cm ²	1.43 ft-lb/in ²	Conditioned; ISO 179/IeA

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	98.0 °C	208 °F	ISO 75-2/AF
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

Thermal Properties	Metric	English	Comments
Glow Wire Test	960 °C	1760 °F	CEI 60695/2/1

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	250 V	250 V	CEI 60112/Solution A

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