

Addiplast Addinyl B2I V25 Flame Retardant Nylon 6, 25% Glass Filled

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

Material Notes:

Flame retardant, 25% glass fiber reinforced, halogen freeInformation provided by Addiplast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addiplast-Addinyl-B2I-V25-Flame-Retardant-Nylon-6-25-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	87	87	Conditioned; ISO 868
	88	88	ISO 868
Tensile Strength at Break	80.0 MPa	11600 psi	Conditioned; ISO R 527
	120 MPa	17400 psi	ISO R 527
Elongation at Break	5.0 %	5.0 %	ISO R 527
	7.0 %	7.0 %	Conditioned; ISO R 527
Modulus of Elasticity	5.00 GPa	725 ksi	Conditioned; ISO 178
	7.50 GPa	1090 ksi	ISO 178
Izod Impact, Notched (ISO)	8.50 kJ/m ²	4.04 ft-lb/in ²	ISO 180/1A
	13.0 kJ/m ²	6.19 ft-lb/in ²	Conditioned; ISO 180/1A
Charpy Impact Unnotched	6.20 J/cm ²	29.5 ft-lb/in ²	ISO 179/IeU
	6.20 J/cm ²	29.5 ft-lb/in ²	Conditioned; ISO 179/IeU
Charpy Impact, Notched	0.850 J/cm ²	4.04 ft-lb/in ²	ISO 179/IeA
	1.20 J/cm ²	5.71 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)	200 °C	392 °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	>= 600 V	>= 600 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