

Addiplast Addinyl B2 V20 Nylon 6. 20% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 20% Glass Fiber Filled

Material Notes:

Glass fiber reinforced, high strength Information provided by Addiplast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addiplast-Addinyl-B2-V20-Nylon-6-20-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	Conditioned; ISO 868
	83	83	ISO 868
Tensile Strength at Break	85.0 MPa	12300 psi	Conditioned; ISO R 527
	145 MPa	21000 psi	ISO R 527
Elongation at Yield	3.0 %	3.0 %	ISO R 527
	5.0 %	5.0 %	Conditioned; ISO R 527
Modulus of Elasticity	3.40 GPa	493 ksi	Conditioned; ISO 178
	5.60 GPa	812 ksi	ISO 178
Izod Impact, Notched (ISO)	9.00 kJ/m ²	4.28 ft-lb/in ²	ISO 180/1A
	16.0 kJ/m ²	7.61 ft-lb/in ²	Conditioned; ISO 180/1A
Charpy Impact Unnotched	4.50 J/cm ²	21.4 ft-lb/in ²	ISO 179/leU
	5.00 J/cm ²	23.8 ft-lb/in ²	Conditioned; ISO 179/leU
Charpy Impact, Notched	0.600 J/cm ²	2.86 ft-lb/in ²	ISO 179/leA
	1.10 J/cm ²	5.23 ft-lb/in ²	Conditioned; ISO 179/leA

Thermal Properties	Metric	English	Comments
CTE, linear	35.0 μm/m-°C	19.4 μin/in-°F	ASTM E831
Melting Point	220 °C	428 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ISO 75-2/AF

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	Conditioned; CEI 60093
	1.00e+15 ohm-cm	1.00e+15 ohm-cm	CEI 60093
Dielectric Strength	30.0 kV/mm	762 kV/in	Conditioned; CEI 60243-1
	33.0 kV/mm	838 kV/in	CEI 60243-1
Comparative Tracking Index	550 V	550 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