

Addiplast Addinyl C2 V15 Nylon 66/6, 15% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6 , 20% Glass Fiber Reinforced

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-C2-V15-Nylon-666-15-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	77	77	Conditioned; ISO 868
	84	84	ISO 868
Tensile Strength at Break	80.0 MPa	11600 psi	Conditioned; ISO R 527
	130 MPa	18900 psi	ISO R 527
Elongation at Yield	4.0 %	4.0 %	ISO R 527
	10 %	10 %	Conditioned; ISO R 527
Modulus of Elasticity	3.00 GPa	435 ksi	Conditioned; ISO 178
	5.50 GPa	798 ksi	ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	ISO 180/1A
	11.0 kJ/m ²	5.23 ft-lb/in ²	Conditioned; ISO 180/1A
Charpy Impact Unnotched	3.50 J/cm ²	16.7 ft-lb/in ²	ISO 179/leU
	5.50 J/cm ²	26.2 ft-lb/in ²	Conditioned; ISO 179/leU
Charpy Impact, Notched	0.550 J/cm ²	2.62 ft-lb/in ²	ISO 179/leA
	0.800 J/cm ²	3.81 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	243 °C	469 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	230 °C	446 °F	ISO 75-2/AF

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 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
	32.0 kV/mm	813 kV/in	CEI 60243-1
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