

## Addiplast Addinyl A2 V15 Nylon 66, 15% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 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-A2-V15-Nylon-66-15-Glass-Filled.php](http://www.lookpolymers.com/polymer_Addiplast-Addinyl-A2-V15-Nylon-66-15-Glass-Filled.php)

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	Conditioned; ISO 868
	85	85	ISO 868
Tensile Strength at Break	90.0 MPa	13100 psi	Conditioned; ISO R 527
	130 MPa	18900 psi	ISO R 527
Elongation at Yield	5.0 %	5.0 %	ISO R 527
	13 %	13 %	Conditioned; ISO R 527
Modulus of Elasticity	3.50 GPa	508 ksi	Conditioned; ISO 178
	6.00 GPa	870 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 180/1A
	5.50 kJ/m <sup>2</sup>	2.62 ft-lb/in <sup>2</sup>	Conditioned; ISO 180/1A
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	ISO 179/leU
	5.50 J/cm <sup>2</sup>	26.2 ft-lb/in <sup>2</sup>	Conditioned; ISO 179/leU
Charpy Impact, Notched	0.450 J/cm <sup>2</sup>	2.14 ft-lb/in <sup>2</sup>	ISO 179/leA
	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	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	260 °C	500 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	ISO 75-2/AF

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 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	600 V	600 V	CEI 60112/Solution A

## Contact Songhan Plastic Technology Co.,Ltd.

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