

## Addiplast Addinyl A2 V30 Nylon 66, 30% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% 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-V30-Nylon-66-30-Glass-Filled.php](http://www.lookpolymers.com/polymer_Addiplast-Addinyl-A2-V30-Nylon-66-30-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 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	135 MPa	19600 psi	Conditioned; ISO R 527
	180 MPa	26100 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	5.80 GPa	841 ksi	Conditioned; ISO 178
	8.20 GPa	1190 ksi	ISO 178
Izod Impact, Notched (ISO)	11.0 kJ/m <sup>2</sup>	5.23 ft-lb/in <sup>2</sup>	ISO 180/1A
	16.0 kJ/m <sup>2</sup>	7.61 ft-lb/in <sup>2</sup>	Conditioned; ISO 180/1A
Charpy Impact Unnotched	5.50 J/cm <sup>2</sup>	26.2 ft-lb/in <sup>2</sup>	ISO 179/leU
	6.50 J/cm <sup>2</sup>	30.9 ft-lb/in <sup>2</sup>	Conditioned; ISO 179/leU
Charpy Impact, Notched	1.00 J/cm <sup>2</sup>	4.76 ft-lb/in <sup>2</sup>	ISO 179/leA
	1.50 J/cm <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	Conditioned; ISO 179/leA

Thermal Properties	Metric	English	Comments
CTE, linear	30.0 μm/m-°C	16.7 μin/in-°F	ASTM E831
Melting Point	260 °C	500 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	255 °C	491 °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
	35.0 kV/mm	889 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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