

## Addiplast Addinyl C2 ZV15 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, increased thermal aging stability Information provided by Addiplast.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Addiplast-Addinyl-C2-ZV15-Nylon-666-15-Glass-Filled.php](http://www.lookpolymers.com/polymer_Addiplast-Addinyl-C2-ZV15-Nylon-666-15-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	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 <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	ISO 180/1A
	11.0 kJ/m <sup>2</sup>	5.23 ft-lb/in <sup>2</sup>	Conditioned; ISO 180/1A
Charpy Impact Unnotched	3.50 J/cm <sup>2</sup>	16.7 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	0.550 J/cm <sup>2</sup>	2.62 ft-lb/in <sup>2</sup>	ISO 179/leA
	0.800 J/cm <sup>2</sup>	3.81 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	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.

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