

## Addiplast Addinyl A2 ZV40 Nylon 66, 40% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

### 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-A2-ZV40-Nylon-66-40-Glass-Filled.php](http://www.lookpolymers.com/polymer_Addiplast-Addinyl-A2-ZV40-Nylon-66-40-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in <sup>3</sup>	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	81	81	Conditioned; ISO 868
	86	86	ISO 868
Tensile Strength at Break	160 MPa	23200 psi	Conditioned; ISO R 527
	210 MPa	30500 psi	ISO R 527
Elongation at Yield	2.0 %	2.0 %	ISO R 527
	4.0 %	4.0 %	Conditioned; ISO R 527
Modulus of Elasticity	7.70 GPa	1120 ksi	Conditioned; ISO 178
	10.5 GPa	1520 ksi	ISO 178
Izod Impact, Notched (ISO)	13.0 kJ/m <sup>2</sup>	6.19 ft-lb/in <sup>2</sup>	ISO 180/1A
	17.0 kJ/m <sup>2</sup>	8.09 ft-lb/in <sup>2</sup>	Conditioned; ISO 180/1A
Charpy Impact Unnotched	7.00 J/cm <sup>2</sup>	33.3 ft-lb/in <sup>2</sup>	ISO 179/leU
	7.50 J/cm <sup>2</sup>	35.7 ft-lb/in <sup>2</sup>	Conditioned; ISO 179/leU
Charpy Impact, Notched	1.10 J/cm <sup>2</sup>	5.23 ft-lb/in <sup>2</sup>	ISO 179/leA
	1.60 J/cm <sup>2</sup>	7.61 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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