

Addiplast Addinyl C2 V40 Nylon 66/6, 40% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6, 40% 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-V40-Nylon-666-40-Glass-Filled.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|------------|
| Density | 1.46 g/cc | 0.0527 lb/in ³ | ISO 1183/A |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------------------|----------------------------|--------------------------|
| Hardness, Shore D | 79 | 79 | Conditioned; ISO 868 |
| | 85 | 85 | ISO 868 |
| Tensile Strength at Break | 130 MPa | 18900 psi | Conditioned; ISO R 527 |
| | 195 MPa | 28300 psi | ISO R 527 |
| Elongation at Yield | 3.0 % | 3.0 % | ISO R 527 |
| | 6.0 % | 6.0 % | Conditioned; ISO R 527 |
| Modulus of Elasticity | 6.10 GPa | 885 ksi | Conditioned; ISO 178 |
| | 11.5 GPa | 1670 ksi | ISO 178 |
| Izod Impact, Notched (ISO) | 16.0 kJ/m ² | 7.61 ft-lb/in ² | ISO 180/1A |
| | 22.0 kJ/m ² | 10.5 ft-lb/in ² | Conditioned; ISO 180/1A |
| Charpy Impact Unnotched | 6.50 J/cm ² | 30.9 ft-lb/in ² | ISO 179/leU |
| | 7.50 J/cm ² | 35.7 ft-lb/in ² | Conditioned; ISO 179/leU |
| Charpy Impact, Notched | 1.10 J/cm ² | 5.23 ft-lb/in ² | ISO 179/leA |
| | 1.80 J/cm ² | 8.57 ft-lb/in ² | 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 | 243 °C | 469 °F | ISO 3146/C2 |
| Deflection Temperature at 1.8 MPa (264 psi) | 235 °C | 455 °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 |
| | 35.0 kV/mm | 889 kV/in | CEI 60243-1 |
| Comparative Tracking Index | 550 V | 550 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