

Addiplast Addinyl A2I V25 Flame Retardant Nylon 66, 25% Glass Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled , Nylon 66, Glass Fiber Filled, Flame Retardant

Material Notes:

Flame retardant, 25% glass fiber reinforced, halogen free information provided by Addiplast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addiplast-Addinyl-A2I-V25-Flame-Retardant-Nylon-66-25-Glass-Filled.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	89	89	Conditioned; ISO 868
	90	90	ISO 868
Tensile Strength at Break	90.0 MPa	13100 psi	Conditioned; ISO R 527
	130 MPa	18900 psi	ISO R 527
Elongation at Break	5.0 %	5.0 %	ISO R 527
	6.0 %	6.0 %	Conditioned; ISO R 527
Modulus of Elasticity	5.50 GPa	798 ksi	Conditioned; ISO 178
	7.80 GPa	1130 ksi	ISO 178
Izod Impact, Notched (ISO)	8.50 kJ/m ²	4.04 ft-lb/in ²	ISO 180/1A
	9.50 kJ/m ²	4.52 ft-lb/in ²	Conditioned; ISO 180/1A
Charpy Impact Unnotched	6.00 J/cm ²	28.6 ft-lb/in ²	ISO 179/leU
	6.00 J/cm ²	28.6 ft-lb/in ²	Conditioned; ISO 179/leU
Charpy Impact, Notched	0.850 J/cm ²	4.04 ft-lb/in ²	ISO 179/leA
	1.00 J/cm ²	4.76 ft-lb/in ²	Conditioned; ISO 179/leA

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	245 °C	473 °F	ISO 75-2/AF
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

Thermal Properties	Metric	English	Comments
Glow Wire Test	960 °C	1760 °F	CEI 60695/2/1

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	>= 600 V	>= 600 V	CEI 60112/Solution A

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