

Addiplast Addinyl B2 K20 Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

High density and high modulus Information provided by Addiplast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addiplast-Addinyl-B2-K20-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	2.10 g/cc	0.0759 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	Conditioned; ISO 868
	86	86	ISO 868
Tensile Strength at Break	24.0 MPa	3480 psi	Conditioned; ISO R 527
	33.0 MPa	4790 psi	ISO R 527
Elongation at Yield	10 %	10 %	ISO R 527
	40 %	40 %	Conditioned; ISO R 527
Modulus of Elasticity	2.20 GPa	319 ksi	Conditioned; ISO 178
	5.00 GPa	725 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	ISO 180/1A
	4.00 kJ/m ²	1.90 ft-lb/in ²	Conditioned; ISO 180/1A
Charpy Impact Unnotched	3.60 J/cm ²	17.1 ft-lb/in ²	ISO 179/leU
	NB	NB	Conditioned; ISO 179/leU
Charpy Impact, Notched	0.250 J/cm ²	1.19 ft-lb/in ²	ISO 179/leA
	0.300 J/cm ²	1.43 ft-lb/in ²	Conditioned; ISO 179/leA

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	72.0 °C	162 °F	ISO 75-2/AF

Electrical Properties	Metric	English	Comments
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Comparative Tracking Index
Electrical Properties

475 V
Metric

475 V
English

CEI 60112/Solution A
Comments

Contact Songhan Plastic Technology Co.,Ltd.

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