

Solvay TECHNYL[®] B 52 G1 MX 35 (XA 3004) PA66/6

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

Material Notes:

Description: TECHNYL B 52 G1 MX35 is a copolyamide 6.6/6 , with thermal protection, glow wire resistant and reinforced with mineral filler.Colors: GreyAvailable in: Latin AmericaMain Properties: ? Glow wire resistant, Dimensional stability, Stability at high temperatures, and Good finishing Applications: This product is indicated for pieces with low warping and good behavior at fire, as, for example, breakers and boxes of fusers.Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-B-52-G1-MX-35-XA-3004-PA666.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ISO R 527
Elongation at Break	2.0 %	2.0 %	ISO R 527
Tensile Modulus	10.4 GPa	1510 ksi	ISO R 527
Flexural Strength	110 MPa	16000 psi	ISO 178
Flexural Modulus	6.00 GPa	870 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	ISO 180/1eA
Charpy Impact Unnotched	1.60 J/cm ²	7.61 ft-lb/in ²	ISO 179/1eU

Thermal Properties	Metric	English	Comments
Melting Point	245 Â°C	473 Â°F	
Glow Wire Test	960 Â°C @Thickness 3.00 mm	1760 Â°F @Thickness 0.118 in	CEI 695

Processing Properties	Metric	English	Comments
Feed Temperature	260 - 270 Â°C	500 - 518 Â°F	
Nozzle Temperature	250 - 270 Â°C	482 - 518 Â°F	
Mold Temperature	60.0 - 100 Â°C	140 - 212 Â°F	

Descriptive Properties	Value	Comments
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Compression Zone Descriptive Properties	260-280A °C Value	Comments
Mixing Zone	250-270Â°C	

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