

Solvay TECHNYL® B 738 MX15 Grey 3279 PA66/6, 15% mineral filled

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

Material Notes:

Description: TECHNYL B 738 MX15 Grey 3279 is a Polyamide 6.6, with 15% of mineral filler. Colors: Grey Available in: Latin America Main Properties: ? Good Mechanical Properties, Good Superficial Aspect and Dimensional stability Applications: TECHNYL B 738 MX15 Cinza 3279 is indicated for automotive and electrical industry. Ex.: Wheel Cover 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-738-MX15-Grey-3279-PA666-15-mineral-filled.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ISO 1183/A
Water Absorption	1.17 % @Temperature 23.0 °C, Time 86400 sec	1.17 % @Temperature 73.4 °F, Time 24.0 hour	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	59.0 MPa	8560 psi	ISO R 527
Elongation at Break	3.0 %	3.0 %	ISO R 527
Tensile Modulus	4.30 GPa	624 ksi	ISO R 527
Flexural Strength	100 MPa	14500 psi	ISO 178
Flexural Modulus	3.70 GPa	537 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	ISO 180/1eA
Charpy Impact Unnotched	6.00 J/cm ²	28.6 ft-lb/in ²	ISO 179/1eU

Thermal Properties	Metric	English	Comments
Melting Point	243.5 °C	470.3 °F	

Processing Properties	Metric	English	Comments
Feed Temperature	250 - 260 °C	482 - 500 °F	
Nozzle Temperature	250 - 270 °C	482 - 518 °F	
Mold Temperature	80.0 - 100 °C	176 - 212 °F	

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

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