

Solvay TECHNYLSTAR®, S 218 MT PA6, 40% mineral filled, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 40% Mineral Filled

Material Notes:

Description: TechnylStar Polyamide, 40% mineral filled, heat stabilized, for injection molding. Characterized by a high fluidity of the melt. Available in: Asia Pacific and North America

Product Applications: This grade has good mechanical properties. It is suitable for automotive industry and specially designed for electroplating. This product is available in natural

Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYLSTAR-S-218-MT-PA6-40-mineral-filled-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ISO 1183/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.0 MPa	7980 psi	ISO 527 Type 1A
Elongation at Break	25 %	25 %	ISO 527 Type 1A
Tensile Modulus	2.60 GPa	377 ksi	ISO 527 Type 1A
Flexural Strength	65.0 MPa	9430 psi	ISO 178
Flexural Modulus	1.85 GPa	268 ksi	ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	ISO 180/1eA
Izod Impact, Unnotched (ISO)	150 kJ/m ²	71.4 ft-lb/in ²	ISO 180/1eU
Charpy Impact Unnotched	22.0 J/cm ²	105 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.650 J/cm ²	3.09 ft-lb/in ²	ISO 179/1eA

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

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