

Solvay TECHNYLSTAR[®],ç S 216L2 V30 PA6, 30% glass filled, DRY

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

Description: TECHNYLSTAR polyamide reinforced with 30% GF, UV stabilized, for Injection molding. Available in: Europe and North America
 Product Applications: TECHNYLSTAR TM S 216L2 V30 BLACK is characterized by general good mechanical properties and high impact resistance in external environment. It is particularly suitable for automotive external parts requiring UV resistance, like door handles, windshield frames, etc. This product is available in black. 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-216L2-V30-PA6-30-glass-filled-DRY.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	160 MPa	23200 psi	ISO 527 Type 1A
Elongation at Break	2.1 %	2.1 %	ISO 527 Type 1A
Tensile Modulus	10.4 GPa	1510 ksi	ISO 527 Type 1A
Charpy Impact Unnotched	4.50 J/cm ²	21.4 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.810 J/cm ²	3.85 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	222 Â°C	432 Â°F	ISO 11357

Processing Properties	Metric	English	Comments
Feed Temperature	220 - 225 Â°C	428 - 437 Â°F	
Front Barrel Temperature	240 - 245 Â°C	464 - 473 Â°F	
Mold Temperature	80.0 Â°C	176 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.15 %	<= 0.15 %	

Descriptive Properties	Value	Comments
Compression Zone	235-240Â°C	

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