

Solvay TECHNYLÂ® R CR 218 V30 Nylon 6, 30% glass fiber, DRY

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

Material Notes:

TECHNYLÂ® CR 218 V30 is a polyamide 6, reinforced with 30% glass fiber, heat stabilized, for injection molding. It contains recycled raw materials. This product is available in black color. Benefits: The product offers a good combination between thermal and mechanical properties. Available in: Europe Applications: It is used in a wide variety of industries. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-TECHNYL-R-CR-218-V30-Nylon-6-30-glass-fiber-DRY.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/inÂ³	ISO 1183/A
Linear Mold Shrinkage, Flow	0.0037 cm/cm	0.0037 in/in	
Linear Mold Shrinkage, Transverse	0.0075 cm/cm	0.0075 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	140 MPa	20300 psi	ISO 527 Type 1A
Elongation at Break	2.0 %	2.0 %	ISO 527 Type 1A
Tensile Modulus	9.60 GPa	1390 ksi	ISO 527 Type 1A
Flexural Modulus	8.80 GPa	1280 ksi	ISO 178
Charpy Impact Unnotched	5.00 J/cmÂ²	23.8 ft-lb/inÂ²	ISO 179/1eU
Charpy Impact, Notched	0.520 J/cmÂ²	2.47 ft-lb/inÂ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	260 Â°C	500 Â°F	ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	208 Â°C	406 Â°F	ISO 75/Af
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	ISO 1210
Glow Wire Test	650 Â°C	1200 Â°F	ISO 60695-2-12
	650 Â°C @Thickness 1.60 mm	1200 Â°F @Thickness 0.0630 in	ISO 60695-2-12

Processing Properties	Metric	English	Comments
Feed Temperature	225 - 230 Â°C	437 - 446 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 Â°F	
Drying Temperature	80.0 Â°C	176 Â°F	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Compression Zone	230-240Â°C	
Mixing Zone	240-250Â°C	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China