

## Solvay TECHNYLÂ® CR 218 V33 Black 21 N Nylon 6, 30% glass fiber, DRY

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

### Material Notes:

Description: Polyamide PA6 reinforced with 33% of glass fiber, heat stabilized, containing recycled material. Available in: North

America Product Applications: This grade is suitable for none critical and less demanding parts. This product is available in black. This product can only be used in line with the specific recommendations of the Rhodia Engineering Plastics customer technical service. Rhodia Engineering Plastics declines all responsibilities for all problems caused by the use of this product, not in line with the recommendations of Rhodia Engineering Plastics customer technical service Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-TECHNYL-CR-218-V33-Black-21-N-Nylon-6-30-glass-fiber-DRY.php](http://www.lookpolymers.com/polymer_Solvay-TECHNYL-CR-218-V33-Black-21-N-Nylon-6-30-glass-fiber-DRY.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	189.3 MPa	27460 psi	ISO 527 Type 1A
Elongation at Break	3.3 %	3.3 %	ISO 527 Type 1A
Tensile Modulus	10.7 GPa	1550 ksi	ISO 527 Type 1A
Flexural Strength	285 MPa	41300 psi	ISO 178
Flexural Modulus	9.088 GPa	1318 ksi	ISO 178
Izod Impact, Notched (ISO)	15.5 kJ/mÂ²	7.38 ft-lb/inÂ²	ISO 180/1A
Izod Impact, Unnotched (ISO)	NB	NB	ISO 180/1U
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	NB	NB	ISO 179/1eA

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.**

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