

TECHNYL® C R 218 V33 BLACK 21 N

Polyamide 6
Solvay Engineering Plastics

Message:
Preliminary data sheet - Provisional technical data
Polyamide PA6 reinforced with 33% of glass fibre, heat stabilised, containing recycled material.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
Recycled Content	Yes		
Features	Heat Stabilized		
Appearance	Black		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA6-GF33<		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10700	MPa	ISO 527-2/1A
Tensile Stress (Break)	189	MPa	ISO 527-2/1A
Tensile Strain (Break)	3.3	%	ISO 527-2/1A
Flexural Modulus	9090	MPa	ISO 178
Flexural Stress	285	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Notched Izod Impact Strength	16	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength	No Break		ISO 180
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.20	%	
Rear Temperature	225 to 230	°C	
Middle Temperature	230 to 240	°C	
Front Temperature	240 to 250	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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