

TECHNYL® A R 218 V33 BLACK 34 N

Polyamide 66
Solvay Engineering Plastics

Message:

Preliminary data sheet - Provisional technical data
Polyamide 66, reinforced with 33% of glass fibre, containing recycled material, for injection moulding, specially stabilized to improve its resistance to automotive cooling liquids.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Recycled Content	Yes		
Features	Glycol Resistant		
	Good Chemical Resistance		
Uses	Automotive Applications		
	Automotive Under the Hood		
Appearance	Black		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA66-GF33<		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10100	MPa	ISO 527-2/1A
Tensile Stress (Break)	170	MPa	ISO 527-2/1A
Tensile Strain (Break)	2.8	%	ISO 527-2/1A
Flexural Modulus	9020	MPa	ISO 178
Flexural Stress	258	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.8	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	49	kJ/m²	ISO 179/1eU
Notched Izod Impact Strength	8.2	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	260	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.20	%	
Rear Temperature	260 to 270	°C	
Middle Temperature	270 to 280	°C	
Front Temperature	280 to 290	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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