

TECHNYL® A R 218 V25 BLACK

Polyamide 66
Solvay Engineering Plastics

Message:
Polyamide PA66 reinforced with 25% of glass fiber, heat stabilised, containing recycled material.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Heat Stabilizer		
Recycled Content	Yes		
Features	Heat Stabilized		
Uses	Automotive Applications		
Appearance	Black		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA66-GF25(REC)<		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7800	MPa	ISO 527-2/1A
Tensile Stress (Break)	125	MPa	ISO 527-2/1A
Tensile Strain (Break)	2.5	%	ISO 527-2/1A
Flexural Modulus	7200	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength	7.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	250	°C	ISO 75-2/Af
Melting Temperature	260	°C	ISO 11357-3
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	HB	UL 94	
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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