

TECHNYL® A 718 V30 BLACK 61

Polyamide 66
Solvay Engineering Plastics

Message:

TECHNYL® A 718 V30 Black 61 is a chemically recycled polyamide 66, reinforced with 30% of glass fiber, heat stabilized, for injection moulding. This product is available in black color.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Recycled Content	Yes		
Features	Good Dimensional Stability		
	Good Surface Finish		
	Heat Stabilized		
Uses	Automotive Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183/A
Molding Shrinkage			Internal Method
Across Flow	1.3	%	
Flow	0.50	%	
Water Absorption (23°C, 24 hr)	0.75	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ISO 527-2/1A
Tensile Stress (Break)	150	MPa	ISO 527-2/1A
Tensile Strain (Break)	2.5	%	ISO 527-2/1A
Flexural Modulus	8200	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	3.0	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	255	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.20	%	

Rear Temperature	250 to 270	°C
Middle Temperature	260 to 280	°C
Front Temperature	260 to 280	°C
Mold Temperature	70.0 to 100	°C

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Recommended distributors for this material

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