

TECHNYL STAR™ S 216L2 V30 BLACK

Polyamide 6
Solvay Engineering Plastics

Message:
TECHNYLSTAR polyamide reinforced with 30% GF, UV stabilised, for Injection moulding

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
	High Impact Resistance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	Handles		
Appearance	Black		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA6-GF30<		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10400	MPa	ISO 527-2/1A
Tensile Stress (Break)	160	MPa	ISO 527-2/1A
Tensile Strain (Break)	2.1	%	ISO 527-2/1A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.1	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	45	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	222	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.15	%	
Rear Temperature	220 to 225	°C	
Middle Temperature	235 to 240	°C	
Front Temperature	240 to 245	°C	
Mold Temperature	80.0	°C	

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Recommended distributors for this material

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