

# TECHNYL® C 246SI V11 NATURAL

Polyamide 6  
Solvay Engineering Plastics

Message:  
Polyamide 6, reinforced with 11% of glass fibre, with high impact resistance, for injection moulding.

General Information			
Filler / Reinforcement	Glass Fiber, 11% Filler by Weight		
Features	High Impact Resistance		
	Low Temperature Impact Resistance		
Uses	Sporting Goods		
Appearance	Colors Available		
	Natural Color		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA6-GF11<		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	90.0	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	4100	MPa	ASTM D790
Flexural Strength	135	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	222	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.20	%	
Rear Temperature	250 to 280	°C	
Middle Temperature	250 to 280	°C	
Front Temperature	260 to 290	°C	
Mold Temperature	70.0 to 90.0	°C	

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Recommended distributors for this material

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