

TECHNYL® 2417IG4 BRIGHT

Polyamide 66
Solvay Engineering Plastics

Message:
Polyamide 66, 20% Glass fiber reinforced, Impact modified for injection molding.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Impact Modifier		
Features	Good Impact Resistance		
	Good Strength		
	Impact Modified		
Uses	Piping		
Appearance	Colors Available		
	Natural Color		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA66-GF20<		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	0.90 to 1.2	%	
Flow	0.70 to 1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	140	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	7500	MPa	ASTM D790
Flexural Strength	200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648
Melting Temperature	262	°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 to 100	°C	
Suggested Max Moisture	0.20	%	

Rear Temperature	260 to 265	°C
Middle Temperature	265 to 275	°C
Front Temperature	275 to 285	°C
Mold Temperature	80.0 to 100	°C

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Recommended distributors for this material

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