

Latiblend 3675 G/10

Acrylonitrile Butadiene Styrene + PBT

LATI S.p.A.

Message:

Compound based on Acrylonitrile-Butadiene-Styrene copolymer (ABS)/Polybutylene Terephthalate (PBT).

Glass fibres.

Good surface appearance.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Copolymer		
	Good Surface Finish		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.55 to 0.85	%	
Flow : 2.00 mm	0.40 to 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3100	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	50.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	70	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	90.0	°C	ISO 75-2/A
Continuous Use Temperature ²	90.0	°C	
Vicat Softening Temperature	100	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	8.0E-6	cm/cm/°C	ASTM D696
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	240 to 260	°C	
Mold Temperature	70.0 to 100	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 MPa of cavity pressure		

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