

Voxel B12GF15 SA

Polybutylene Terephthalate

Custom Resins Group

Message:

Glass fiber-reinforced poly(butylene terephthalate)(PBT) with good moldability and improved surface

General Information	
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight
Features	Good Chemical Resistance
	Good Stiffness
	Good Strength
	High Heat Resistance
	Pleasing Surface Appearance
Uses	Appliance Components
	Housings

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	93.1	MPa	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	210	°C	
1.8 MPa, Unannealed	191	°C	
Peak Melting Temperature	227	°C	ASTM D3418

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Recommended distributors for this material

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