

Vexel B12GF30

Polybutylene Terephthalate

Custom Resins Group

Message:

30% glass fiber-reinforced poly(butylene terephthalate) (PBT) with good moldability

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Moldability		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8200	MPa	ASTM D638
Tensile Strength	109	MPa	ASTM D638
Flexural Modulus	8140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	221	°C	ASTM D3418

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Recommended distributors for this material


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