

OP - PBT 15GF-VO

Polybutylene Terephthalate

Oxford Polymers

Message:

OP - PBT 15GF-VO is a Polybutylene Terephthalate (PBT) material filled with 15% glass fiber. It is available in North America. Primary attribute of OP - PBT 15GF-VO: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
UL File Number	E186411		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50	%	ASTM D955
Water Absorption (24 hr)	0.060	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	100	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	4650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	188	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating	V-0	UL 94	

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Recommended distributors for this material

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