

DENITER 3015

Polybutylene Terephthalate

Vamp Tech

Message:

PBT, 30% glass microspheres, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ASTM D638
Tensile Strength (Yield)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	55	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648A
Vicat Softening Temperature	180	°C	ASTM D1525 ¹
RTI Elec	135	°C	UL 746
RTI Imp	135	°C	UL 746
RTI Str	135	°C	UL 746
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	260	°C	
Mold Temperature	90.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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