

DENITER 3010

Polybutylene Terephthalate

Vamp Tech

Message:

PBT, 30% glass fiber reinforced, not Flame Retardant compound, very good mechanical properties.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.51	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50	%	
Across Flow	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ASTM D638
Tensile Strength (Yield)	130	MPa	ASTM D638
Tensile Elongation (Break)	3.3	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	12	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	60	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648A
Vicat Softening Temperature	210	°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)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

