

DENITER 0037

Polybutylene Terephthalate

Vamp Tech

Message:

PBT, with elastomer, not Flame Retardant compound, very good impact resistance.

General Information			
Features	Good Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.80	%	
Across Flow	0.80	%	
Water Absorption (Saturation)	0.40	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ASTM D638
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	50	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	No Break		ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	50.0	°C	ASTM D648A
Vicat Softening Temperature	125	°C	ASTM D1525 ¹
RTI Elec	85.0	°C	UL 746
RTI Imp	85.0	°C	UL 746
RTI Str	85.0	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+13	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	260	°C	
Mold Temperature	80.0	°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



WECHAT