

Bergadur™ PB40 G15 UF UV

Polybutylene Terephthalate

PolyOne Corporation

Message:

Bergadur™ PB40 G15 UF UV is a Polybutylene Terephthalate (PBT) product filled with 15% glass fiber. It is available in Africa & Middle East or Europe.

Characteristics include:

Flame Rated

RoHS Compliant

Flame Retardant

Halogen Free

UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Additive	UV Stabilizer		
Features	Flame Retardant		
	Halogen Free		
	Low (to None) Phosphorus Content		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.50	g/cm ³	DIN 53479
Melt Volume-Flow Rate (MVR) (250°C/1.6 kg)	18.0	cm ³ /10min	ISO 1133
Ash Content	15	%	ISO 3451
Maximum Use Temperature			IEC 60216
-- ²	135	°C	
Short Time	170	°C	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4600	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	65.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	4.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	67	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	215	°C	ISO 75-2/B
Melting Temperature (DSC)	224	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method

Flame Rating (1.60 mm)	V-0		Internal Method
Glow Wire Ignition Temperature ³ (3.00 mm)	960	°C	IEC 60695-2-13
NOTE			
1.	±0.03 g/cm ³		
2.	Continuous (GTP 50% Tensile)		
3.	1.6 mm wire		

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