

KEBATER® PBT BFB30

Polybutylene Terephthalate

BARLOG plastics GmbH

Message:

PBT, 30% glass fiber reinforced, flame retardant, halogen free

General Information			
UL YellowCard	E195569-101520149		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Resin ID (ISO 1043)	PBT-GF30 FR		
Physical	Nominal Value	Unit	Test Method
Density	1.54	g/cm³	ISO 1183
Water Absorption (Equilibrium, 23°C, 50% RH)	0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9500	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	210	°C	ISO 75-2/B
1.8 MPa, Unannealed	195	°C	ISO 75-2/A
Melting Temperature ¹	225	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	IEC 60093
Volume Resistivity	1.0E+19	ohms·cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flammability Classification (0.800 mm)	V-0		IEC 60695-11-10, -20
NOTE			
1.	10°C/min		

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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

