

Polylink Polymer PBT-11030-GFFR

Polybutylene Terephthalate

Polylink Polymers (India) Ltd.

Message:

Filled PBT compounds are manufactured by compounding PBT with specially treated chopped glass and modified with additives to make parts with high mechanical properties, heat resistance and fire resistance.

Excellent flame retardancy.

Good resistance to environmental stress-cracking.

High heat deflection temperature.

Low warpage.

Good mould release.

Good Mechanical Properties.

General Information			
Filler / Reinforcement	Filler, 30% filler by weight		
Features	Low warpage		
	High ESCR (Stress Cracking Resistance)		
	Good demoulding performance		
	Flame retardancy		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.60 - 1.70	g/cm ³	Internal method
Moisture Content	< 800	ppm	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	108 - 127	MPa	ASTM D638
Flexural Modulus	8340 - 8630	MPa	ASTM D790
Flexural Strength	167 - 181	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64 - 74	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 - 100	°C	
Drying Time	2.0 - 4.0	hr	
Cylinder Zone 1 Temp.	215	°C	
Cylinder Zone 2 Temp.	220	°C	
Cylinder Zone 3 Temp.	230	°C	
Cylinder Zone 4 Temp.	240	°C	
Cylinder Zone 5 Temp.	245	°C	
Extrusion instructions			
Zone 6 : 250°C			

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

