

ESTOPLAST EP 2015

Polybutylene Terephthalate

Ester Industries Ltd.

Message:

ESTOPLAST EP 2015 is a Polybutylene Terephthalate (PBT) product filled with glass fiber. It is available in Africa & Middle East or Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D570
Flow	0.60	%	
Across Flow	1.4	%	
Water Absorption (Saturation)	0.30	%	DIN 53495/1L
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ASTM D638
Tensile Strength	100	MPa	ASTM D638
Flexural Strength	147	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	70	J/m	ASTM D256
Unnotched Izod Impact	500	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	220	°C	
1.8 MPa, Unannealed	195	°C	
Melting Temperature	224	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
Electric Strength	30	kV/mm	IEC 60243-1
Comparative Tracking Index	400	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94

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

