

ESTOPLAST MG 7030

Polyethylene Terephthalate

Ester Industries Ltd.

Message:

ESTOPLAST MG 7030 is a Polyethylene Terephthalate (PET) 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	1.57	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D570
Flow	0.40	%	
Across Flow	1.0	%	
Water Absorption (Saturation)	0.46	%	DIN 53495/1L
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9500	MPa	ASTM D638
Tensile Strength	135	MPa	ASTM D638
Flexural Strength	210	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Unnotched Izod Impact	900	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	242	°C	
1.8 MPa, Unannealed	220	°C	
Melting Temperature	255	°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	33	kV/mm	IEC 60243-1
Comparative Tracking Index	250	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94

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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

