

ESTOPLAST XU 6425 HG36

Polyamide

Ester Industries Ltd.

Message:

ESTOPLAST XU 6425 HG36 is a Polyamide 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	1.55	g/cm ³	ASTM D792
Water Absorption (Saturation)	1.5	%	DIN 53495/1L
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9100	MPa	ASTM D638
Tensile Strength	75.0	MPa	ASTM D638
Flexural Strength	127	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	50	J/m	ASTM D256
Unnotched Izod Impact	400	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	235	°C	
1.8 MPa, Unannealed	180	°C	
Melting Temperature	260	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+14	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms·cm	IEC 60093
Electric Strength	30	kV/mm	IEC 60243-1
Comparative Tracking Index	525	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-0		UL 94

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Recommended distributors for this material

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