

ESTOPLAST XU 425 HG36

Polyamide

Ester Industries Ltd.

Message:

ESTOPLAST XU 425 HG36 is a Polyamide product filled with glass\mineral. It is available in Africa & Middle East or Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass\Mineral		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D570
Flow	0.40	%	
Across Flow	1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ASTM D638
Tensile Strength	90.0	MPa	ASTM D638
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	55	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	210	°C	
1.8 MPa, Unannealed	170	°C	
Melting Temperature	220	°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	23	kV/mm	IEC 60243-1
Comparative Tracking Index	600	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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