

ESTOPLAST XU 400 NN11

Polyamide

Ester Industries Ltd.

Message:

ESTOPLAST XU 400 NN11 is a Polyamide product. It is available in Africa & Middle East or Europe. Primary characteristic: flame rated.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D570
Flow	1.5	%	
Across Flow	1.6	%	
Water Absorption (Saturation)	1.1	%	DIN 53495/1L
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3800	MPa	ASTM D638
Tensile Strength	80.0	MPa	ASTM D638
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	65	J/m	ASTM D256
Unnotched Izod Impact	550	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	195	°C	
1.8 MPa, Unannealed	72.0	°C	
Melting Temperature	220	°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	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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