

STRANOX PA6/40%LFT

Polyamide 6

Oxford Polymers

Message:

STRANOX PA6/40%LFT is a Polyamide 6 (Nylon 6) material filled with 40% long glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Long Glass Fiber,40% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.25	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	224	MPa	ASTM D638
Tensile Elongation (Yield)	2.5	%	ASTM D638
Flexural Modulus	11000	MPa	ASTM D790
Flexural Strength	303	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	310	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	218	°C	ASTM D648

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Recommended distributors for this material

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