

# STRANOX PA6/45%LFT

Polyamide 6

Oxford Polymers

## Message:

STRANOX PA6/45%LFT is a Polyamide 6 (Nylon 6) material filled with 45% long glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Long Glass Fiber,45% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	241	MPa	ASTM D638
Tensile Elongation (Yield)	2.4	%	ASTM D638
Flexural Modulus	13100	MPa	ASTM D790
Flexural Strength	324	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	350	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	220	°C	ASTM D648

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## Recommended distributors for this material

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