

STRANOX PA6/ST/45%LFT

Polyamide 6

Oxford Polymers

Message:

STRANOX PA6/ST/45%LFT is a Polyamide 6 (Nylon 6) material filled with 45% long glass fiber. It is available in North America. Primary attribute of STRANOX PA6/ST/45%LFT: Impact Modified.

General Information			
Filler / Reinforcement	Long Glass Fiber,45% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	193	MPa	ASTM D638
Tensile Elongation (Yield)	2.5	%	ASTM D638
Flexural Modulus	10300	MPa	ASTM D790
Flexural Strength	284	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	400	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	215	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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