

SABIC Innovative Plastics LNP STAT-LOY PF303 PA 6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Stat-loy* PF303 is a compound based on Nylon 6 resin containing Glass Fiber. Added features of this material include: Antistat.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-LOY-PF303-PA-6-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	82.0 MPa	11900 psi	ASTM D638
Elongation at Break	2.5 %	2.5 %	ASTM D638
Tensile Modulus	5.04 GPa	731 ksi	50 mm/min; ASTM D638
Flexural Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	4.08 GPa	592 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.53 J/cm	12.2 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	182 Â°C	360 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+9 - 1.00e+11 ohm	1.00e+9 - 1.00e+11 ohm	ASTM D257

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