

SABIC Innovative Plastics LNP STAT-LOY A3000T ABS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

LNP* Stat-loy* A3000T is a compound based on Acrylonitrile Butadiene Styrene resin. 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-A3000T-ABS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	5 mm/min; ISO 527
Elongation at Break	>= 25 %	>= 25 %	5 mm/min; ISO 527
Tensile Modulus	1.30 GPa	189 ksi	1 mm/min; ISO 527
Flexural Strength	37.0 MPa	5370 psi	2 mm/min; ISO 178
Flexural Modulus	1.20 GPa	174 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/m ²	7.14 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	NB	NB	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	69.0 Â°C	156 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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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