

SABIC Innovative Plastics LNP STAT-LOY N30009 PC+ABS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

LNP* STATLOY* N30009 is a compound based on PC+ABS Blend resin containing Flame Retardant. Added features include: Permanent Antistatic, Flame Retardant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-LOY-N30009-PCABS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	5 mm/min; ISO 527
Elongation at Break	>= 10 %	>= 10 %	5 mm/min; ISO 527
Flexural Yield Strength	55.0 MPa	7980 psi	2 mm/min; ISO 178
Flexural Modulus	1.70 GPa	247 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

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	100 Â°C	212 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0 @Thickness 1.50 mm	V-0 @Thickness 0.0591 in	UL 94

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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