

SABIC Innovative Plastics LNP STAT-KON AX06518 ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

LNP* STAT-KON* AX06518 is a compound based on ABS resin containing Stainless Steel. Added features of this material include:
Electrically Conductive, Flame Retardant, EMI/RFI Shielding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-AX06518-ABS.php

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	2.3 %	2.3 %	ASTM D638
Tensile Modulus	2.41 GPa	350 ksi	50 mm/min; ASTM D638
Flexural Strength	68.0 MPa	9860 psi	ASTM D790
Flexural Modulus	2.75 GPa	399 ksi	ASTM D790
Izod Impact, Notched	0.420 J/cm	0.787 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.20 J/cm	5.99 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	77.0 Â°C @Thickness 3.20 mm	171 Â°F @Thickness 0.126 in	unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistance	1.0 - 6.0 ohm	1.0 - 6.0 ohm	ASTM D257

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