

SABIC Innovative Plastics LNP FARADEx AS004 ABS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

LNP* Faradex* AS004 is a compound based on Acrylonitrile Butadiene Styrene resin containing Stainless Steel Fiber. Added features of this material include: EMI/RFI Shielding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-FARADEx-AS004-ABS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.0 MPa	6380 psi	5 mm/min; ISO 527
Elongation at Yield	2.1 %	2.1 %	5 mm/min; ISO 527
Tensile Modulus	3.40 GPa	493 ksi	1 mm/min; ISO 527
Flexural Strength	60.0 MPa	8700 psi	2 mm/min; ISO 178
Flexural Modulus	3.10 GPa	450 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	15.0 kJ/m ²	7.14 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.0 °C	208 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	86.0 °C	187 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

Electrical Properties	Metric	English	Comments
Surface Resistance	10 - 1000 ohm	10 - 1000 ohm	ASTM D257

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China