

## LNP\* Stat-kon\* Compound AX06518

Americas: COMMERCIAL

Also known as: AS-FR

Product Reorder Name: AX06518

LNP\* Stat-kon\* AX06518 is a compound based on Acrylonitrile Butadiene Styrene resin containing Flame Retardant, Stainless Steel. Added features of this material include: Electrically Conductive, Flame Retardant, EMI/RFI Shielding.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
	Value	Unit	Standard
<b>MECHANICAL</b>			
Tensile Stress, break	35	MPa	ASTM D 638
Tensile Strain, break	2.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	2410	MPa	ASTM D 638
Flexural Stress	68	MPa	ASTM D 790
Flexural Modulus	2750	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, unnotched, 23°C	320	J/m	ASTM D 4812
Izod Impact, notched, 23°C	42	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 3.2mm, unannealed	77	°C	ASTM D 648
<b>PHYSICAL</b>			
Density	1.29	g/cm <sup>3</sup>	ASTM D 792
<b>ELECTRICAL</b>			
Surface Resistivity	1.E+00 - 6.E+00	Ohm	ASTM D 257

Source GMD, last updated:12/06/2005

### Processing

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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