



## LNP\* Stat-kon\* Compound AE004

### Asia Pacific: COMMERCIAL

Also known as: LNP\* Stat-kon\* Compound AC-1004

Product reorder name: AE004

LNP\* STAT-KON\* AE004 is a compound based on Acrylonitrile Butadiene Styrene resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTIES <sup>1</sup>	TYPICAL VALUE	UNIT	STANDARD
<b>MECHANICAL</b>			
Tensile Stress, break	1080	kgf/cm <sup>2</sup>	ASTM D 638
Tensile Strain, break	1.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	132100	kgf/cm <sup>2</sup>	ASTM D 638
Flexural Stress	1610	kgf/cm <sup>2</sup>	ASTM D 790
Flexural Modulus	128600	kgf/cm <sup>2</sup>	ASTM D 790
<b>IMPACT</b>			
Izod Impact, unnotched, 23°C	32	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 3.2mm, unannealed	98	°C	ASTM D 648
<b>PHYSICAL</b>			
Density	1.14	g/cm <sup>3</sup>	ASTM D 792
<b>ELECTRICAL</b>			
Surface Resistivity	1.E+00 - 6.E+00	Ohm	ASTM D 257

1) Typical values only. Variations within normal tolerances are possible for various colours. All values are measured at least after 48 hours storage at 23°C/50% relative humidity.  
All properties, except the melt volume rate are measured on injection moulded samples.  
All samples are prepared according to ISO 294.

2) Only typical data for material selection purpose. 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) Own measurement according to UL.