



LNP* Stat-kon* Compound AE002

Asia Pacific: COMMERCIAL

Also known as: LNP* Stat-kon* Compound AC-1002

Product reorder name: AE002

LNP* Stat-kon* AE002 is a compound based on Acrylonitrile Butadiene Styrene resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	800	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.5	%	ASTM D 638
Tensile Modulus, 50 mm/min	73800	kgf/cm ²	ASTM D 638
Flexural Stress	1190	kgf/cm ²	ASTM D 790
Flexural Modulus	71700	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	25	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	98	°C	ASTM D 648
PHYSICAL			
Density	1.1	g/cm ³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+00 - 5.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.