



LNP* Stat-kon* Compound NX03602

Asia Pacific: COMMERCIAL

Also known as: LNP* Stat-kon* Compound PDX-PCA-03602
Product reorder name: NX03602

LNP* STAT-KON* NX03602 is a compound based on PC+ABS Blend resin containing Carbon Fiber, Flame Retardant. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	980	kgf/cm ²	ASTM D 638
Tensile Strain, yield	1.9	%	ASTM D 638
Tensile Strain, break	1.9	%	ASTM D 638
Tensile Modulus, 50 mm/min	77200	kgf/cm ²	ASTM D 638
Flexural Stress	1470	kgf/cm ²	ASTM D 790
Flexural Modulus	63300	kgf/cm ²	ASTM D 790
Tensile Stress, break	95	MPa	ISO 527
Flexural Stress	145	MPa	ISO 178
IMPACT			
Izod Impact, unnotched, 23°C	35	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	3	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	97	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	92	°C	ASTM D 648
CTE, -40°C to 40°C, flow	2.5E-05	1/°C	ASTM E 831
CTE, -40°C to 40°C, xflow	6.5E-05	1/°C	ASTM E 831
PHYSICAL			
Density	1.25	g/cm ³	ASTM D 792
ELECTRICAL			
Volume Resistivity	1.E+02 - 1.E+04	Ohm-cm	ASTM D 257

1) Typical values only. Variations within normal tolerances are possible for variose colours.All values are measured at least after 48 hours storage at 23OC/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.

