

LNP* Stat-kon* Compound DX04403

Americas: DEVELOPMENTAL

Also known as: PDX-D-04403
Product Reorder Name: DX04403

LNP STAT-KON* DX04403 is a compound based on Polycarbonate resin containing Carbon Fiber, Flame Retardant. Added features of this material include: Electrically Conductive.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Stress, break	90	MPa	ASTM D 638
Tensile Strain, break	6.3	%	ASTM D 638
Flexural Stress	142	MPa	ASTM D 790
Flexural Modulus	4895270	MPa	ASTM D 790
IMPACT	Value	Unit	Standard
Izod Impact, unnotched, 23°C	576	J/m	ASTM D 4812
Izod Impact, notched, 23°C	64	J/m	ASTM D 256
THERMAL	Value	Unit	Standard
HDT, 0.45 MPa, 3.2 mm, unannealed	143	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	140	°C	ASTM D 648
PHYSICAL	Value	Unit	Standard
Density	1.253	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.3	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.4	%	ASTM D 955
ELECTRICAL	Value	Unit	Standard
Surface Resistivity	1.E+06 - 1.E+09	Ohm	ASTM D 257

Source GMD, last updated:10/01/2004

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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