

LNP* Stat-kon* Compound 9X02785

Americas: COMMERCIAL

Also known as: PDX-D-02785
Product Reorder Name: 9X02785

LNP STAT-KON* 9X02785 is a compound based on Polycarbonate resin containing Proprietary Filler(s). Added features of this material include: Electrically Conductive.

Property

TYPICAL PROPERTIES ⁽¹⁾			
	Value	Unit	Standard
MECHANICAL			
Tensile Stress, yield	64	MPa	ASTM D 638
Tensile Strain, break	4	%	ASTM D 638
Tensile Modulus, 50 mm/min	2890	MPa	ASTM D 638
Flexural Stress	103	MPa	ASTM D 790
Flexural Modulus	2890	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	1602	J/m	ASTM D 4812
Izod Impact, notched, 23°C	66	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	102	°C	ASTM D 648
PHYSICAL			
Density	1.26	g/cm ³	ASTM D 792
ELECTRICAL			
Volume Resistivity	1.E+02 - 1.E+07	Ohm-cm	ASTM D 257
Surface Resistivity	1.E+02 - 1.E+07	Ohm	ASTM D 257

Source GMD, last updated:10/01/2004

Processing

Parameter	Value	Unit
Injection Molding		
Drying Temperature	120	°C
Drying Time	4	hrs
Maximum Moisture Content	0.02	%
Melt Temperature	305 - 325	°C
Front - Zone 3 Temperature	320 - 330	°C
Middle - Zone 2 Temperature	310 - 320	°C
Rear - Zone 1 Temperature	295 - 305	°C
Mold Temperature	80 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm

Source GMD, last updated:10/01/2004

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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