

## LNP\* Stat-kon\* Compound SE002Z

Asia Pacific: COMMERCIAL

Also known as: SC-1003  
Product Reorder Name: SE002Z

LNP\* Stat-kon\* SE002Z is a compound based on Nylon 12 resin containing Carbon Fiber. Added features of this material include:  
Electrically Conductive.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
	Value	Unit	Standard
<b>MECHANICAL</b>			
Tensile Stress, break	120	MPa	ISO 527
Tensile Strain, break	4	%	ISO 527
Tensile Modulus, 1 mm/min	8700	MPa	ISO 527
Flexural Modulus	7000	MPa	ISO 178
<b>IMPACT</b>			
Izod Impact, notched 80*10*4 +23°C	11	kJ/m <sup>2</sup>	ISO 180/1A
<b>THERMAL</b>			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	160	°C	ISO 75/Af
<b>PHYSICAL</b>			
Mold Shrinkage, flow, 24 hrs	0.3	%	ISO 294
Mold Shrinkage, xflow, 24 hrs	0.5	%	ISO 294
Density	1.08	g/cm <sup>3</sup>	ISO 1183
<b>ELECTRICAL</b>			
Surface Resistivity	1.E+02 - 1.E+06	Ohm	ASTM D 257

Source GMD, last updated:04/23/2007

### 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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