

## LNP\* Stat-kon\* Compound DD000P

Europe-Africa-Middle East:  
DEVELOPMENTAL

Also known as: SKDFRECO2EXP2  
Product Reorder Name: DD000P

LNP\* Stat-kon\* DD000P is a compound based on Polycarbonate resin containing Flame Retardant, Carbon Powder. Added features of this material include: Electrically Conductive, Flame Retardant, Non-Brominated & Non-Chlorinated Flame Retardant.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
MECHANICAL	Value	Unit	Standard
Tensile Stress, yield, 5 mm/min	69	MPa	ISO 527
Tensile Strain, yield, 5 mm/min	3.4	%	ISO 527
Tensile Modulus, 1 mm/min	3500	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	110	MPa	ISO 178
Flexural Modulus, 2 mm/min	3200	MPa	ISO 178
IMPACT	Value	Unit	Standard
Izod Impact, notched 80*10*4 +23°C	5	kJ/m <sup>2</sup>	ISO 180/1A
THERMAL	Value	Unit	Standard
CTE, 23°C to 60°C, flow	5.5E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	5.7E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	102	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	96	°C	ISO 75/Af
ELECTRICAL	Value	Unit	Standard
Surface Resistivity	1.E+03 - 1.E+06	Ohm	ASTM D 257

Source GMD, last updated:09/07/2006

### 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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