LNP™ STAT-KON™ COMPOUND RD000I

R-HI
REGION ASIA

DESCRIPTION

LNP STAT-KON RD000I is a compound based on Nylon 66 resin containing Carbon Powder. Added features of this material include: Electrically Conductive, High Impact.

TYPICAL PROPERTY VALUES

Revision 20181227

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	46	MPa	ASTM D 638
Tensile Strain, break	13.5	%	ASTM D 638
Tensile Modulus, 50 mm/min	2120	MPa	ASTM D 638
Flexural Stress	82	MPa	ASTM D 790
Flexural Modulus	2620	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	1810	J/m	ASTM D 4812
Izod Impact, notched, 23°C	150	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	73	°C	ASTM D 648
CTE, -40°C to 40°C, flow	1.21E-04	1/°C	ASTM E 831
Thermal Conductivity	2.8	W/m-°C	ASTM E 1530
PHYSICAL			
Density	1.15	g/cm³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+01 – 1.E+06	Ohm	ASTM D 257

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