LNP™ STAT-KON™ COMPOUND CD000I

C-HI
REGION ASIA

DESCRIPTION

LNP STAT-KON CD000I is a compound based on Polystyrene resin containing Carbon Powder. Added features of this material include: Electrically Conductive, High Impact.

TYPICAL PROPERTY VALUES

Revision 20190607

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	20	MPa	ASTM D 638
Tensile Strain, break	6.6	%	ASTM D 638
Tensile Modulus, 50 mm/min	2170	MPa	ASTM D 638
Flexural Stress	41	MPa	ASTM D 790
Flexural Modulus	2690	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	384	J/m	ASTM D 4812
Izod Impact, notched, 23°C	48	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	75	°C	ASTM D 648
PHYSICAL			
Density	1.08	g/cm³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+02 – 1.E+06	Ohm	ASTM D 257

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