LNP™ STAT-KON™ COMPOUND RX05489

RCFL-4536
REGION ASIA

DESCRIPTION

LNP STAT-KON RX05489 is a compound based on Nylon 66 resin containing 10% Carbon Fiber, 20% Glass Fiber, 15% PTFE/Silicone. Added features of this material include: Electrically Conductive, Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20190102

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	171	MPa	ASTM D 638
Tensile Strain, break	2.6	%	ASTM D 638
Tensile Modulus, 50 mm/min	14940	MPa	ASTM D 638
Flexural Stress	296	MPa	ASTM D 790
Flexural Modulus	14410	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	807	J/m	ASTM D 4812
Izod Impact, notched, 23°C	85	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	246	°C	ASTM D 648
PHYSICAL			
Density	1.41	g/cm³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+01 – 1.E+06	Ohm	ASTM D 257

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