LNP™ STAT-KON™ COMPOUND DSL229

DS-L
REGION ASIA

DESCRIPTION

LNP STAT-KON DSL229 is a compound based on Polycarbonate resin containing 10% PTFE, 10% Stainless Steel. Added features of this material include: Electrically Conductive, Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20191108

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	46	MPa	ASTM D 638
Tensile Strain, break	4.6	%	ASTM D 638
Tensile Modulus, 50 mm/min	2450	MPa	ASTM D 638
Flexural Stress	75	MPa	ASTM D 790
Flexural Modulus	2570	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	593	J/m	ASTM D 4812
Izod Impact, notched, 23°C	64	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	120	°C	ASTM D 648
PHYSICAL			
Density	1.39	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.5	%	ASTM D 955
ELECTRICAL			
Surface Resistivity	1.E+01 – 1.E+06	Ohm	ASTM D 257
Surface Resistivity, ROA	1.E+01 – 1.E+06	Ohm	IEC 60093

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