LNP™ LUBRICOMP™ COMPOUND DEL34E

DCL-4034

DESCRIPTION

LNP LUBRICOMP DEL34 is a compound based on Polycarbonate resin containing PTFE, Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20191210

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, brk, Type I, 50 mm/min	152	MPa	ASTM D 638
Tensile Modulus, 50 mm/min	14000	MPa	ASTM D 638
Flexural Stress	214	MPa	ASTM D 790
Flexural Modulus	12500	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	410	J/m	ASTM D 4812
Izod Impact, notched, 23°C	86	J/m	ASTM D 256
THERMAL			
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	143	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	137	°C	ISO 75/Af
PHYSICAL			
Density	1.38	g/cm³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+02 – 1.E+04	Ohm	ASTM D 257
AFTER 40 CYCLES, SIMILAR TO USCAR-2, CLASS III			
Tensile Strain, brk, Type I, 50 mm/min	2.2	%	ASTM D 638

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