

LNP™ LUBRICOMP™ COMPOUND DEL34E

DCL-4034

REGION ASIA

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 20170816

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
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/cm ³	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
MECHANICAL PROPERTIES			
Flexural modulus	12500	MPa	ISO 178/1A

DISCLAIMER

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.



Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.

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