

# LNPTM LUBRICOMPTM COMPOUND DFL12

DFL-4012  
REGION ASIA

## DESCRIPTION

LNP LUBRICOMP DFL12 compound is based on Polycarbonate (PC) resin containing 10% glass fiber and 5% PTFE. Added features of this grade include: Wear Resistant.

GENERAL INFORMATION	
Features	Wear resistant
Fillers	Glass Fiber, PTFE
Polymer Types	Polycarbonate (PC)
Processing Techniques	Injection Molding

INDUSTRY	SUB INDUSTRY
Building and Construction	Building Component
Consumer	Sport/Leisure, Personal Accessory, Home Appliances, Commercial Appliance
Electrical and Electronics	Mobile Phone - Computer - Tablets
Industrial	Electrical

## TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL <sup>(1)</sup></b>			
Tensile Stress, break	77	MPa	ASTM D638
Tensile Strain, break	3.5	%	ASTM D638
Tensile Modulus, 50 mm/min	4260	MPa	ASTM D638
Flexural Stress	124	MPa	ASTM D790
Flexural Modulus	4230	MPa	ASTM D790
<b>IMPACT <sup>(1)</sup></b>			
Izod Impact, unnotched, 23°C	740	J/m	ASTM D4812
Izod Impact, notched, 23°C	120	J/m	ASTM D256
<b>THERMAL <sup>(1)</sup></b>			
HDT, 1.82 MPa, 3.2mm, unannealed	139	°C	ASTM D648
<b>PHYSICAL <sup>(1)</sup></b>			
Density	1.3	g/cm <sup>3</sup>	ASTM D792
<b>FLAME CHARACTERISTICS <sup>(2)</sup></b>			
UL Yellow Card Link	<a href="#">E207780-101344587</a>	-	-
UL Recognized, 94V-1 Flame Class Rating	≥3	mm	UL 94

- (1) The information stated on Technical Datasheets should be used as indicative only for material selection purposes and not be utilized as specification or used for part or tool design.
- (2) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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