

LNPTTM 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

Building and Construction
Consumer
Electrical and Electronics
Industrial

SUB INDUSTRY

Building Component
Sport/Leisure, Personal Accessory, Home Appliances, Commercial Appliance
Mobile Phone - Computer - Tablets
Electrical

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
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
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	740	J/m	ASTM D4812
Izod Impact, notched, 23°C	120	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	139	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	1.3	g/cm ³	ASTM D792
FLAME CHARACTERISTICS ⁽²⁾			
UL Yellow Card Link	E207780-101344587	-	-
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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