

LNPT[™] LUBRICOMP[™] COMPOUND DFP34

DFL-4534

REGION EUROPE

DESCRIPTION

LNP LUBRICOMP DFP34 compound is based on Polycarbonate (PC) resin containing 20% glass fiber, 15% PTFE/silicone. Added features of this grade include: Wear Resistant.

GENERAL INFORMATION

Features	Wear resistant
Fillers	Glass Fiber, PTFE/Silicone
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, 5 mm/min	89	MPa	ISO 527
Tensile Strain, break, 5 mm/min	2.6	%	ISO 527
Tensile Modulus, 1 mm/min	6200	MPa	ISO 527
IMPACT ⁽¹⁾			
Izod Impact, notched 80*10*4 +23°C	11	kJ/m ²	ISO 180/1A
THERMAL ⁽¹⁾			
CTE, 23°C to 60°C, flow	3.4E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	6.2E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	145	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	140	°C	ISO 75/Af
PHYSICAL ⁽¹⁾			
Density	1.42	g/cm ³	ISO 1183
FLAME CHARACTERISTICS ⁽²⁾			
UL Yellow Card Link	E45329-101344453	-	-
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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CHEMISTRY THAT MATTERS[™]



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