

LNPTTM LUBRICOMPTM COMPOUND ZFL3 1XXC

ZFL-4031 HP

REGION ASIA

DESCRIPTION

LNP LUBRICOMP ZFL3 1XXC compound is based on Polyphenylene Ether / Polystyrene (PPE/PS) blend containing 5% glass fiber, 15% PTFE. Added features of this grade include: Wear Resistant

GENERAL INFORMATION

Features	Wear resistant
Fillers	Glass Fiber, PTFE
Polymer Types	Polyphenylene Ether + PS (PPE+PS)
Processing Techniques	Injection Molding

INDUSTRY

Building and Construction
Consumer
Electrical and Electronics
Industrial

SUB INDUSTRY

Building Component, Water Management
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	55	MPa	ASTM D638
Tensile Strain, break	3.2	%	ASTM D638
Tensile Modulus, 50 mm/min	3650	MPa	ASTM D638
Flexural Stress	103	MPa	ASTM D790
Flexural Modulus	3510	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	360	J/m	ASTM D4812
Izod Impact, notched, 23°C	80	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	127	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	1.2	g/cm ³	ASTM D792
FLAME CHARACTERISTICS ⁽²⁾			
UL Yellow Card Link	E207780-103093731	-	-
UL Recognized, 94HB Flame Class Rating	≥0.8	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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