

# LNPTM LUBRICOMPTM COMPOUND KFP032

KFL-4532

REGION ASIA

## DESCRIPTION

LNP LUBRICOMP KFP032 compound is based on Acetal (POM) Copolymer resin containing 10% glass fiber, 25% PTFE/silicone. Added features of this grade include: Wear Resistant.

GENERAL INFORMATION	
Features	Wear resistant
Fillers	Glass Fiber, PTFE/Silicone
Polymer Types	Acetal (POM) Copolymer
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	57	MPa	ASTM D638
Tensile Strain, break	2.5	%	ASTM D638
Flexural Stress	82	MPa	ASTM D790
Flexural Modulus	3720	MPa	ASTM D790
<b>IMPACT <sup>(1)</sup></b>			
Izod Impact, notched, 23°C	40	J/m	ASTM D256
<b>THERMAL <sup>(1)</sup></b>			
HDT, 1.82 MPa, 3.2mm, unannealed	155	°C	ASTM D648
<b>PHYSICAL <sup>(1)</sup></b>			
Density	1.51	g/cm <sup>3</sup>	ASTM D792

(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.

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