

LNPT[™] LUBRICOMP[™] COMPOUND KFL23LH

KFL-4023 LE

REGION ASIA

DESCRIPTION

LNP LUBRICOMP KFL23LH compound is based on Acetal (POM) Copolymer resin containing 15% glass fiber, 10% PTFE. Added features of this grade include: Wear Resistant, Low Extractable.

GENERAL INFORMATION

Features	Wear resistant, Food contact, Healthcare/Formula lock
Fillers	Glass Fiber, PTFE
Polymer Types	Acetal (POM) Copolymer
Processing Techniques	Injection Molding

INDUSTRY

Building and Construction
Consumer
Hygiene and Healthcare
Packaging

SUB INDUSTRY

Water Management
Home Appliances
Pharmaceutical Packaging and Drug Delivery, Surgical devices, General Healthcare, Patient Testing
Industrial Packaging, Food & Beverage

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
Tensile Stress, break	90	MPa	ASTM D638
Tensile Strain, break	2.7	%	ASTM D638
Tensile Modulus, 50 mm/min	6720	MPa	ASTM D638
Flexural Stress	137	MPa	ASTM D790
Flexural Modulus	5750	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	500	J/m	ASTM D4812
Izod Impact, notched, 23°C	50	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	161	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	1.58	g/cm ³	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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