

LNPT[™] LUBRICOMP[™] COMPOUND ML004LS

ML-4040 HS LE
REGION ASIA

DESCRIPTION

LNP LUBRICOMP ML004LS compound is based on Polypropylene (PP) resin containing 20% PTFE. Added features of this grade include: Wear Resistant, Heat Stabilized, Low Extractable.

GENERAL INFORMATION

Features	Heat Stabilized, Wear resistant, Food contact
Fillers	Unreinforced, PTFE
Polymer Types	Polypropylene, Unspecified (PP, Unspecified)
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	28	MPa	ASTM D638
Tensile Strain, break	32	%	ASTM D638
Tensile Modulus, 50 mm/min	1580	MPa	ASTM D638
Flexural Stress	34	MPa	ASTM D790
Flexural Modulus	1370	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, unnotched, 23°C	320	J/m	ASTM D4812
Izod Impact, notched, 23°C	24	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 3.2mm, unannealed	62	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Density	1.03	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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