LNP™ LUBRICOMP™ COMPOUND LX91475

LTW
REGION ASIA

DESCRIPTION

LNP LUBRICOMP LX91475 compound is based on Polyetheretherketone (PEEK) resin containing proprietary fillers. Added features of this grade include: Easy Molding, High Temperature Bearing Grade, Wear Resistant.

GENERAL INFORMATION	
Features	Good Processability, Wear resistant, Dimensional stability, High temperature resistance
Fillers	Proprietary Filler
Polymer Types	Polyetheretherketone (PEEK)
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 20260205

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL [1]			
Tensile Stress, break	139	MPa	ASTM D638
Tensile Strain, break	2	%	ASTM D638
Tensile Modulus, 50 mm/min	11030	MPa	ASTM D638
Flexural Stress	206	MPa	ASTM D790
Flexural Modulus	10340	MPa	ASTM D790
IMPACT [1]			
Izod Impact, unnotched, 23°C	480	J/m	ASTM D4812
Izod Impact, notched, 23°C	58	J/m	ASTM D256
THERMAL [1]			
HDT, 1.82 MPa, 3.2mm, unannealed	290	°C	ASTM D648
PHYSICAL [1]			
Density	1.43	g/cm³	ASTM D792
Wear Factor Washer	12	10^-10 in^5-min/ft-lb-hr	ASTM D3702 Modified: Manual
Dynamic COF	0.35	-	ASTM D3702 Modified: Manual
Static COF	0.23	-	ASTM D3702 Modified: Manual

(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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