LNP™ LUBRICOMP™ COMPOUND LX91475

LTW
REGION ASIA

DESCRIPTION

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

TYPICAL PROPERTY VALUES

Revision 20190812

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	139	MPa	ASTM D 638
Tensile Strain, break	2	%	ASTM D 638
Tensile Modulus, 50 mm/min	11030	MPa	ASTM D 638
Flexural Stress	206	MPa	ASTM D 790
Flexural Modulus	10340	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	480	J/m	ASTM D 4812
Izod Impact, notched, 23°C	58	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	290	°C	ASTM D 648
PHYSICAL			
Density	1.43	g/cm³	ASTM D 792
Wear Factor Washer	12	10^-10 in^5-min/ft-lb-hr	ASTM D 3702 Modified: Manual
Dynamic COF	0.35	-	ASTM D 3702 Modified: Manual
Static COF	0.23	-	ASTM D 3702 Modified: Manual

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