LNP™ LUBRICOMP™ COMPOUND OL004

OL-4040
REGION EUROPE

DESCRIPTION

LNP LUBRICOMP OL004 is a compound based on PPS - Linear resin containing 20% PTFE. Added features of this grade include: Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20191108

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break, 5 mm/min	58	MPa	ISO 527
Tensile Strain, break, 5 mm/min	4	%	ISO 527
Tensile Modulus, 1 mm/min	3100	MPa	ISO 527
Flexural Stress, break, 2 mm/min	106	MPa	ISO 178
Flexural Modulus, 2 mm/min	2950	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	20	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	5	kJ/m²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	5.2E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	5.3E-05	1/°C	ISO 11359-2
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	102	°C	ISO 75/Af
Relative Temp Index, Elec (1)	130	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	130	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	130	°C	UL 746B
PHYSICAL			
Density	1.45	g/cm³	ISO 1183
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E45329-101284432	-	-
UL Recognized, 94V-0 Flame Class Rating	1.6	mm	UL 94

(1) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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