LNP™ LUBRICOMP™ COMPOUND RAL229

RAL-4022 FR

DESCRIPTION

LNP LUBRICOMP RAL229 is a compound based on Nylon 66 containing 10% Aramid, 10% PTFE. Added features of this grade include: Flame Retardant, Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20200109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	81	MPa	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	4	%	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	114	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	3720	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	37	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	162	°C	ASTM D 648
Relative Temp Index, Elec (1)	65	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	65	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	65	°C	UL 746B
PHYSICAL			
Specific Gravity	1.42	-	ASTM D 792
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E121562-101282579	-	-
UL Recognized, 94V-0 Flame Class Rating	≥3	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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