LNP™ LUBRICOMP™ COMPOUND KL002

KL-4020
REGION ASIA

DESCRIPTION

LNP LUBRICOMP KL002 is a compound based on Acetal Copolymer resin containing 10% PTFE. Added feature of this material is: Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20181219

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	48	MPa	ASTM D 638
Tensile Strain, break	9.7	%	ASTM D 638
Tensile Modulus, 50 mm/min	2550	MPa	ASTM D 638
Flexural Stress	68	MPa	ASTM D 790
Flexural Modulus	2370	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	564	J/m	ASTM D 4812
Izod Impact, notched, 23°C	53	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	92	°C	ASTM D 648
PHYSICAL			
Density	1.45	g/cm³	ASTM D 792
INJECTION MOLDING			
Drying Temperature	80	°C	
Drying Time	4	hrs	
Melt Temperature	200 – 215	°C	
Front - Zone 3 Temperature	210 – 220	°C	
Middle - Zone 2 Temperature	195 – 205	°C	
Rear - Zone 1 Temperature	175 – 190	°C	
Mold Temperature	80 – 110	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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