LNP™ LUBRICOMP™ COMPOUND RL002

RL-4020
REGION EUROPE

DESCRIPTION

LNP LUBRICOMP* RL002 is a compound based on Nylon 66 resin containing 10% PTFE. Added features of this material include: Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20181230

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break, 5 mm/min	74	MPa	ISO 527
Tensile Strain, break, 5 mm/min	4.5	%	ISO 527
Tensile Modulus, 1 mm/min	3000	MPa	ISO 527
Flexural Stress, break, 2 mm/min	95	MPa	ISO 178
Flexural Modulus, 2 mm/min	2600	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	55	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	5	kJ/m²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	74	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow	1.7 – 1.9	%	SABIC method
Density	1.2	g/cm³	ISO 1183

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