LNP™ LUBRICOMP™ COMPOUND PFI12R

PFL-4412 MR
REGION ASIA

DESCRIPTION

LNP LUBRICOMP PFI12R is a compound based on Nylon 6 resin containing 10% Glass Fiber, 2% Silicone. Added features of this material include: Wear Resistant, Mold Release.

TYPICAL PROPERTY VALUES

Revision 20181223

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	105	MPa	ASTM D 638
Tensile Strain, break	3.2	%	ASTM D 638
Tensile Modulus, 50 mm/min	4950	MPa	ASTM D 638
Flexural Stress	151	MPa	ASTM D 790
Flexural Modulus	5250	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	713	J/m	ASTM D 4812
Izod Impact, notched, 23°C	53	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	202	°C	ASTM D 648
PHYSICAL			
Density	1.19	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.5	%	ASTM D 955

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