LNP™ LUBRICOMP™ COMPOUND IAL12

IAL-4012
REGION ASIA

DESCRIPTION

LNP* LUBRICOMP* IAL12 is a compound based on Nylon 6/12 resin containing 5% PTFE, 10% Aramid Fiber. Added feature of this material is: Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20191108

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	73	MPa	ASTM D 638
Tensile Strain, break	7.2	%	ASTM D 638
Tensile Modulus, 50 mm/min	3100	MPa	ASTM D 638
Flexural Stress	96	MPa	ASTM D 790
Flexural Modulus	2990	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	440	J/m	ASTM D 4812
Izod Impact, notched, 23°C	40	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	100	°C	ASTM D 648
PHYSICAL			
Density	1.13	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	1.5	%	ASTM D 955

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