

SABIC Innovative Plastics LNP LUBRICOMP RA004 PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP LUBRICOMP* RA004 is a compound based on Nylon 66 resin containing Aramid. Added features of this material include: Internally Lubricated.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-RA004-PA-66-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.015 cm/cm @Time 86400 sec	0.015 in/in @Time 24.0 hour	ASTM D955
Linear Mold Shrinkage, Transverse	0.020 cm/cm @Time 86400 sec	0.020 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	88.0 MPa	12800 psi	ASTM D638
Elongation at Break	4.5 %	4.5 %	ASTM D638
Flexural Strength	137 MPa	19900 psi	ASTM D790
Flexural Modulus	4.41 GPa	640 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.68 J/cm	6.89 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	171 Â°C @Thickness 3.20 mm	340 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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