

LNP* Lubricomp* Compound RX85514 Americas: COMMERCIAL

Also known as: PDX-R-85514

Product Reorder Name: RX85514

LNP LUBRICOMP* RX85514 is a compound based on Nylon 66 resin containing Proprietary Filler(s).
Added features of this material include: Internally Lubricated.

Property

TYPICAL PROPERTIES ⁽¹⁾			
MECHANICAL	Value	Unit	Standard
Tensile Stress, break	83	MPa	ASTM D 638
Flexural Modulus	3810	MPa	ASTM D 790
Tensile Stress, break	78	MPa	ISO 527
Flexural Modulus	3570	MPa	ISO 178
IMPACT	Value	Unit	Standard
Izod Impact, notched, 23 掬 C	48	J/m	ASTM D 256
Izod Impact, notched 80*10*4 +23 掬 C	4	kJ/m 掬	ISO 180/1A
Izod Impact, notched 80*10*4 -40 掬 C	3	kJ/m 掬	ISO 180/1A
THERMAL	Value	Unit	Standard
HDT, 1.82 MPa, 3.2mm, unannealed	131	掬 C	ASTM D 648
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	158	掬 C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	140	掬 C	ISO 75/Af
PHYSICAL	Value	Unit	Standard
Density	1.27	g/cm 鲁	ASTM D 792
Density	1.27	g/cm 鲁	ISO 1183

Source GMD, last updated:10/14/2005

Processing

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23 掬 C/50% relative humidity. All properties, except the melt

volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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