

## LNP\* Lubricomp\* Compound RX05496

Americas: COMMERCIAL

Also known as: RFL-4536 MG  
Product Reorder Name: RX05496

LNP\* Lubricomp\* RX05496 is a compound based on Nylon 66 resin containing Glass Fiber, PTFE, Silicone. Added features of this material include: Internally Lubricated.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
	Value	Unit	Standard
<b>MECHANICAL</b>			
Tensile Stress, break	130	MPa	ASTM D 638
Tensile Strain, break	2.8	%	ASTM D 638
Tensile Modulus, 50 mm/min	8350	MPa	ASTM D 638
Flexural Stress	186	MPa	ASTM D 790
Flexural Modulus	6840	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, unnotched, 23°C	904	J/m	ASTM D 4812
Izod Impact, notched, 23°C	85	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 3.2mm, unannealed	243	°C	ASTM D 648
<b>PHYSICAL</b>			
Density	1.49	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.1	%	ASTM D 955

Source GMD, last updated:01/02/2007

### 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°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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