



LNP* Lubricomp* Compound RFN16S

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP* Lubricomp* Compound RFL-4216 HS

Product reorder name: RFN16S

LNP* Lubricomp* RFN16S is a compound based on Nylon 66 resin containing Glass Fiber, MOS2. Added features of this material include: Heat Stabilized.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break, 5 mm/min	162	MPa	ISO 527
Tensile Strain, break, 5 mm/min	2.6	%	ISO 527
Flexural Stress, break, 2 mm/min	232	MPa	ISO 178
Flexural Modulus, 2 mm/min	8700	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	40	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	6	kJ/m ²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	3.2E-05	1/°C	ISO 11359-2
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	249	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow (2)	0.2 - 0.5	%	GE Method
Wear Factor Washer	159	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D 3702 Modified
Dynamic COF	0.43	-	ASTM D 3702 Modified
Static COF	0.48	-	ASTM D 3702 Modified
Density	1.41	g/cm ³	ISO 1183