



LNP* Lubricomp* Compound RFL46

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP* Lubricomp* Compound RFL-4046

Product reorder name: RFL46

LNP* Lubricomp* RFL46 is a compound based on Nylon 66 resin containing Glass Fiber, PTFE.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break, 5 mm/min	53	MPa	ISO 527
Tensile Strain, break, 5 mm/min	4.9	%	ISO 527
Tensile Modulus, 1 mm/min	2500	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	81	MPa	ISO 178
Flexural Modulus, 2 mm/min	2200	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	25	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	5	kJ/m ²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	9.6E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	9.6E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	203	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	72	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow (2)	1.8 - 2.3	%	GE Method
Density	1.24	g/cm ³	ISO 1183