



LNP™ LUBRICOMP™ Compound RFL26

Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound RFL-4026

Product reorder name: RFL26

LNP LUBRICOMP* RFL26 is a compound based on Nylon 66 resin containing 30% Glass Fiber, 10% PTFE. Added features of this material include: Wear Resistant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1890	kgf/cm ²	ASTM D 638
Tensile Strain, break	3.3	%	ASTM D 638
Flexural Stress	2810	kgf/cm ²	ASTM D 790
Flexural Stress	262	MPa	ISO 178
IMPACT			
Multiaxial Impact	41	cm-kgf	ISO 6603
THERMAL			
CTE, -40°C to 40°C, flow	3.E-05	1/°C	ASTM E 831
PHYSICAL			
Density	1.46	g/cm ³	ASTM D 792
Wear Factor Washer	6	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D 3702 Modified: Manual
Dynamic COF	0.61	-	ASTM D 3702 Modified: Manual



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.15 - 0.25	%
Melt Temperature	280 - 305	°C
Front - Zone 3 Temperature	295 - 305	°C
Middle - Zone 2 Temperature	280 - 295	°C
Rear - Zone 1 Temperature	265 - 275	°C
Mold Temperature	95 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm