



LNP™ LUBRICOMP™ Compound RFL26S
Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound RFL-4026 HS
Product reorder name: RFL26S

LNP LUBRICOMP RFL26S is a compound based on Nylon 66 resin containing 30% Glass Fiber, 10% PTFE. Added features of this material include: Wear Resistant, Heat Stabilized.

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 Modulus	94900	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	114	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	13	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	253	°C	ASTM D 648
PHYSICAL			
Density	1.43	g/cm ³	ASTM D 792
Wear Factor Washer	5	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D 3702 Modified
Dynamic COF	0.66	-	ASTM D 3702 Modified
Static COF	0.57	-	ASTM D 3702 Modified



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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