



LNP™ LUBRICOMP™ Compound XFL36

Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound XFL-4036

Product reorder name: XFL36

LNP LUBRICOMP XFL36 is a compound based on Amorphous Nylon containing 30% Glass Fiber and 15% PTFE. Added feature of this material is: Wear Resistant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	1290	kgf/cm ²	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	3 - 4	%	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	1750	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	80800	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	27	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	0	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	137	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.47	-	ASTM D 792
Moisture Absorption, 50% RH, 24 hrs	0.15	%	ASTM D 570



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	100 - 120	°C
Drying Time	6 - 12	hrs
Maximum Moisture Content	0.1	%
Melt Temperature	260 - 300	°C
Front - Zone 3 Temperature	290 - 300	°C
Middle - Zone 2 Temperature	270 - 290	°C
Rear - Zone 1 Temperature	260 - 270	°C
Mold Temperature	50 - 100	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm