



LNP™ LUBRICOMP™ Compound MFL36S

Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound MFXL-4036 HS

Product reorder name: MFL36S

LNP LUBRICOMP MFL36S is a compound based on Polypropylene resin containing 30% Glass Fiber, 15% PTFE. Added features of this material include: Heat Stabilized, Wear Resistant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	730	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.9	%	ASTM D 638
Tensile Modulus, 50 mm/min	77500	kgf/cm ²	ASTM D 638
Flexural Stress	1190	kgf/cm ²	ASTM D 790
Flexural Modulus	59900	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	60	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	9	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.27	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.4	%	ASTM D 955



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Melt Temperature	225 - 250	°C
Front - Zone 3 Temperature	240 - 250	°C
Middle - Zone 2 Temperature	215 - 225	°C
Rear - Zone 1 Temperature	195 - 205	°C
Mold Temperature	30 - 50	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm