



LNP™ LUBRICOMP™ Compound QFP36
Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound QFL-4536
Product reorder name: QFP36

LNP LUBRICOMP™ QFP36 is a compound based on Nylon 6/10 resin containing 30% Glass Fiber, 15% PTFE/Silicone. Added features of this material include: Wesr Resistant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1390	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.8	%	ASTM D 638
Flexural Stress	2160	kgf/cm ²	ASTM D 790
Flexural Modulus	87800	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	92	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	9	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	201	°C	ASTM D 648
PHYSICAL			
Density	1.44	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.2	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs (5)	0.9	%	ASTM D 955



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.12 - 0.2	%
Melt Temperature	270 - 275	°C
Front - Zone 3 Temperature	270 - 280	°C
Middle - Zone 2 Temperature	260 - 270	°C
Rear - Zone 1 Temperature	250 - 260	°C
Mold Temperature	80 - 95	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm