

LNP* Lubricomp* Compound OFP36A

Asia Pacific: COMMERCIAL

Also known as: LNP* Lubricomp* Compound OFL-4536

Product reorder name: OFP36A

LNP LUBRICOMP* OFP36A is a compound based on PPS - Branched resin containing Silicone, PTFE, Glass Fiber. Added features of this material include: Internally Lubricated.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	1110	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.7	%	ASTM D 638
Flexural Stress	1600	kgf/cm ²	ASTM D 790
Flexural Modulus	116700	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	35	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.65	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.2	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.7	%	ASTM D 955
Wear Factor Washer	51	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D 3702 Modified
Dynamic COF	0.41	-	ASTM D 3702 Modified
Static COF	0.38	-	ASTM D 3702 Modified

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PROCESSING PARAMETERS	TYPICAL VALUE	UNIT
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4	hrs
Melt Temperature	315 - 320	°C
Front - Zone 3 Temperature	330 - 345	°C
Middle - Zone 2 Temperature	320 - 330	°C
Rear - Zone 1 Temperature	305 - 315	°C
Mold Temperature	140 - 165	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm