



LNP™ LUBRICOMP™ Compound OCL36A

Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound OCL-4036 HI FLOW
Product reorder name: OCL36A

LNP LUBRICOMP™ OCL36A is a compound based on PPS - Branched resin containing 30% Carbon Fiber, 15% PTFE. Added features of this material include: Electrically Conductive, Wear Resistant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1610	kgf/cm ²	ASTM D 638
Tensile Strain, break	1 - 3	%	ASTM D 638
Flexural Modulus	236200	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	4	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	264	°C	ASTM D 648



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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