



LNP™ LUBRICOMP™ Compound OL009

Americas: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound 189

Product reorder name: OL009

LNP LUBRICOMP™ OL009 is a compound based on PPS - Linear resin containing 45% PTFE. Added features of this material include: Wear Resistant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	380	kgf/cm ²	ASTM D 638
Tensile Strain, break	3.1	%	ASTM D 638
Tensile Modulus, 50 mm/min	26900	kgf/cm ²	ASTM D 638
Flexural Stress	700	kgf/cm ²	ASTM D 790
Flexural Modulus	26500	kgf/cm ²	ASTM D 790
Coefficient of Friction on steel, Static	0.14	-	ASTM D 1894
Coefficient of Friction on steel, Kinetic	0.23	-	ASTM D 1894
IMPACT			
Izod Impact, notched, 23°C	3	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	136	°C	ASTM D 648
PHYSICAL			
Density	1.61	g/cm ³	ASTM D 792



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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