LNP™ LUBRICOMP™ COMPOUND OCL36A

OCL-4036 HI FLOW
REGION ASIA

DESCRIPTION

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 PROPERTY VALUES

Revision 20190717

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	158	MPa	ASTM D 638
Tensile Strain, break	1 – 3	%	ASTM D 638
Flexural Modulus	23160	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	48	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	264	°C	ASTM D 648
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	

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