

LNP™ LUBRICOMP™ OCL36A compound

Branched Polyphenylene Sulfide

SABIC Innovative Plastics

Message:

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

General Information			
Filler / Reinforcement	Carbon Fiber,30% Filler by Weight		
Additive	PTFE Lubricant (15%)		
Features	Branched Polymer Structure		
	Electrically Conductive		
	Good Wear Resistance		
	Lubricated		
Processing Method	Injection Molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	159	MPa	ASTM D638
Tensile Elongation (Break)	1.0 to 3.0	%	ASTM D638
Flexural Modulus	23200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	264	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	4.0	hr	
Rear Temperature	304 to 316	°C	
Middle Temperature	321 to 332	°C	
Front Temperature	332 to 343	°C	
Processing (Melt) Temp	316 to 321	°C	
Mold Temperature	138 to 166	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	

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