

LNP™ LUBRICOMP™ CBL36XXC compound

High Impact Polystyrene

SABIC Innovative Plastics

Message:

LNP LUBRICOMP CBL36XXC is a compound based on Polystyrene resin containing 30% Glass Bead and 15% PTFE. Added features of this material include: Wear Resistant.

Also known as: LNP* LUBRICOMP* Compound CBL-4036

Product reorder name: CBL36XXC

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	PTFE Lubricant (15%)		
Features	Good Wear Resistance Lubricated		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	5560	MPa	ASTM D638
Tensile Strength (Break)	22.1	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	4080	MPa	ASTM D790
Flexural Strength	41.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	11	J/m	ASTM D256
Unnotched Izod Impact (23°C)	77	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	77.8	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Rear Temperature	221 to 232	°C	
Middle Temperature	243 to 254	°C	
Front Temperature	266 to 277	°C	
Processing (Melt) Temp	249	°C	
Mold Temperature	37.8 to 65.6	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	

NOTE

1. 50 mm/min

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Recommended distributors for this material

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