

SABIC Innovative Plastics LNP LUBRICOMP DX07035 PC (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

LNP* LUBRICOMP* DX07035 is a compound based on Polycarbonate resin containing Glass Fiber, PTFE, Flame Retardant. Added features include: Flame retardant, Easy Molding, Internally Lubricated, Mold Release.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-DX07035-PC-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.59 g/cc	0.0574 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	109 MPa	15800 psi	5 mm/min; ISO 527
Elongation at Yield	1.7 %	1.7 %	5 mm/min; ISO 527
Tensile Modulus	9.20 GPa	1330 ksi	1 mm/min; ISO 527
Flexural Yield Strength	150 MPa	21800 psi	2 mm/min; ISO 178
Flexural Modulus	7.40 GPa	1070 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	10.0 kJ/m ²	4.76 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	40.0 kJ/m ²	19.0 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	143 Â°C	289 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	138 Â°C	280 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	UL 94 by SABIC-IP

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