

LNP™ LUBRICOMP™ DP003EH compound

Polycarbonate
SABIC Innovative Plastics

Message:

LNP LUBRICOMP* DP003EH is a compound based on Polycarbonate resin containing Silicone, PTFE. Added features of this material include: Easy Molding.
Also known as: LNP* LUBRICOMP* Compound DL-4530 EM HC
Product reorder name: DP003EH

General Information			
Additive	PTFE silicone lubricant		
Features	Good formability		
	Lubrication		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	40.7	MPa	ASTM D638
Fracture	46.2	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	17	%	ASTM D638
Flexural Modulus	2060	MPa	ASTM D790
Flexural Strength	77.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1700	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	293 - 304	°C	
Middle Temperature	304 - 316	°C	
Front Temperature	310 - 321	°C	
Processing (Melt) Temp	299 - 316	°C	
Mold Temperature	82.2 - 110	°C	
Back Pressure	0.172 - 0.344	MPa	
Screw Speed	30 - 60	rpm	

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Recommended distributors for this material

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