LNP™ LUBRICOMP™ COMPOUND DP003EH

DL-4530 EM HC
REGION ASIA

DESCRIPTION

LNP* LUBRICOMP* DP003EH is a compound based on Polycarbonate resin containing 15% PTFE/Silicone. Added features of this material include: Easy Molding, Wear Resistant, Healthcare.

TYPICAL PROPERTY VALUES

Revision 20190801

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	40	MPa	ASTM D 638
Tensile Stress, break	46	MPa	ASTM D 638
Tensile Strain, yield	5	%	ASTM D 638
Tensile Strain, break	17	%	ASTM D 638
Flexural Stress	77	MPa	ASTM D 790
Flexural Modulus	2060	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	1708	J/m	ASTM D 4812
Izod Impact, notched, 23°C	128	J/m	ASTM D 256
PHYSICAL			
Density	1.25	g/cm³	ASTM D 792
INJECTION MOLDING			
Drying Temperature	120	°C	
Drying Time	4	hrs	
Maximum Moisture Content	0.02	%	
Melt Temperature	300 – 315	°C	
Front - Zone 3 Temperature	310 – 320	°C	
Middle - Zone 2 Temperature	305 – 315	°C	
Rear - Zone 1 Temperature	295 – 305	°C	
Mold Temperature	80 – 110	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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