LNP™ LUBRICOMP™ COMPOUND 5CL24

FP-VCL-4024

DESCRIPTION

LNP* LUBRICOMP* 5CL24 is a compound based on Polyvinylidene Fluoride resin containing 10% PTFE and 20% Carbon Fiber. Added feature of this material is: Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20191210

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	117	MPa	ASTM D 638
Tensile Strain, break	1.3	%	ASTM D 638
Tensile Modulus, 50 mm/min	17070	MPa	ASTM D 638
Flexural Stress	172	MPa	ASTM D 790
Flexural Modulus	14820	MPa	ASTM D 790
PHYSICAL			
Density	1.78	g/cm³	ASTM D 792
INJECTION MOLDING			
Drying Temperature	120 – 150	°C	
Drying Time	4	hrs	
Melt Temperature	215 – 230	°C	
Front - Zone 3 Temperature	225 – 245	°C	
Middle - Zone 2 Temperature	210 – 225	°C	
Rear - Zone 1 Temperature	190 – 210	°C	
Mold Temperature	65 – 90	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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