LNP™ THERMOCOMP™ COMPOUND OF008G

OF-1008 MG

DESCRIPTION

LNP THERMOCOMP OF008G is a compound based on PPS - Linear containing 15% Glass Fiber, 25% Milled Glass.

TYPICAL PROPERTY VALUES

Revision 20191210

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	104	MPa	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	1.9	%	ASTM D 638
Tensile Modulus, 5 mm/min	8840	MPa	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	157	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	9300	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	395	J/m	ASTM D 4812
Izod Impact, notched, 23°C	68	J/m	ASTM D 256
PHYSICAL			
Mold Shrinkage, flow, 24 hrs	0.2 – 0.5	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.8 – 1	%	ASTM D 955
INJECTION MOLDING			
Drying Temperature	120 – 150	°C	
Drying Time	4	hrs	
Melt Temperature	315 – 320	°C	
Front - Zone 3 Temperature	330 – 345	°C	
Middle - Zone 2 Temperature	320 – 330	°C	
Rear - Zone 1 Temperature	305 – 315	°C	
Mold Temperature	140 – 165	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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