LNP™ COLORCOMP™ COMPOUND GX02708H

PDX-G-02708 HC

DESCRIPTION

LNP* COLORCOMP* GX02708H is an unfilled Polysulfone resin. Added feature of this grade is: Healthcare.

TYPICAL PROPERTY VALUES

Revision 20191211

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	174	°C	ASTM D 648
CTE, -30°C to 30°C, flow	5.6E-05	1/°C	ASTM D 696
PHYSICAL			
Specific Gravity	1.24	-	ASTM D 792
Moisture Absorption, 50% RH, 24 hrs	0.3	%	ASTM D 570
ELECTRICAL			
Dielectric Strength, 1.6 mm	130	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.006	-	ASTM D 150
FLAME CHARACTERISTICS			
Oxygen Index (LOI)	26	%	ASTM D 2863
INJECTION MOLDING			
Drying Temperature	120 – 150	°C	
Drying Time	4	hrs	
Maximum Moisture Content	0.05	%	
Melt Temperature	360 – 370	°C	
Front - Zone 3 Temperature	350 – 360	°C	
Middle - Zone 2 Temperature	340 – 350	°C	
Rear - Zone 1 Temperature	325 – 340	°C	
Mold Temperature	150	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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