

LNP™ COLORCOMP™ GX02708 compound

Polysulfone
SABIC Innovative Plastics

Message:

LNP* COLORCOMP* GX02708 is an unfilled Polysulfone resin. Added feature of this grade is: Healthcare.

Also known as: LNP* COLORCOMP* Compound PDX-G-02708 HC

Product reorder name: GX02708

General Information			
Uses	Medical/nursing supplies		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Water Absorption (24 hr, 50% RH)	0.30	%	ASTM D570
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	174	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	5.6E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (1.60 mm)	130	kV/mm	ASTM D149
Dissipation Factor (1 MHz)	6.0E-3		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature	121 - 149	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	327 - 338	°C	
Middle Temperature	338 - 349	°C	
Front Temperature	349 - 360	°C	
Processing (Melt) Temp	360 - 371	°C	
Mold Temperature	149	°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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