

LNP™ COLORCOMP™ J1000Z-WH9G618

compound

Polyethersulfone

SABIC Innovative Plastics Europe

Message:

LNP* COLORCOMP* J1000-WH9G618 is a compound based on Polyethersulfone resin. Added Features include; Extrusion Grade, Customer specific color.
Also known as: LNP* COLORCOMP* Compound J1000Z-WH9G618
Product reorder name: J1000Z-WH9G618

General Information			
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.60 to 0.80	%	Internal Method
Water Absorption (23°C, 24 hr)	0.60	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	85.0	MPa	ISO 527-2/5
Tensile Strain (Break)	1.6	%	ISO 527-2/5
Flexural Modulus ¹	2800	MPa	ISO 178
Flexural Stress	131	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	No Break		ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
CLTE			ISO 11359-2
Flow : 23 to 60°C	5.8E-5	cm/cm/°C	
Transverse : 23 to 60°C	6.2E-5	cm/cm/°C	
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	343 to 354	°C	
Middle Temperature	360 to 371	°C	
Front Temperature	371 to 382	°C	
Processing (Melt) Temp	354 to 371	°C	
Mold Temperature	138 to 149	°C	
Back Pressure	0.344 to 0.689	MPa	

Screw Speed	60 to 100	rpm
NOTE		
1.	2.0 mm/min	
2.	80*10*4	
3.	80*10*4	

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Recommended distributors for this material

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