

LNP™ THERMOCOMP™ DF004XXC

compound

Polycarbonate

SABIC Innovative Plastics Europe

Message:

Polycarbonate compound, countaining Glass Fiber

General Information			
UL YellowCard	E45329-101282740		
Filler / Reinforcement	Glass Fiber		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6800	MPa	ISO 527-2/1
Tensile Stress (Yield)	121	MPa	ISO 527-2/5
Tensile Strain (Yield)	3.1	%	ISO 527-2/5
Flexural Modulus ¹	6100	MPa	ISO 178
Flexural Stress	188	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	12	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	65	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴ (1.8 MPa, Unannealed, 64.0 mm Span)	143	°C	ISO 75-2/Af
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	293 to 304	°C	
Middle Temperature	310 to 321	°C	
Front Temperature	321 to 332	°C	
Processing (Melt) Temp	304 to 327	°C	
Mold Temperature	82.2 to 110	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			
1.	2.0 mm/min		

2.	80*10*4
3.	80*10*4
4.	80*10*4 mm

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Recommended distributors for this material

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