LNP™ THERMOCOMP™ 9X98071 compound

Polyamide 610

SABIC Innovative Plastics Europe

Message:

LNP THERMOCOMP 9X98071 is a compound based on PA 6/10 resin containing Carbon Fiber. Added features include; Electrically Conductive.
Also known as: LNP* THERMOCOMP* Compound PDX-98071
Product reorder name: 9X98071

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Electrically Conductive		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.16	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	170	MPa	ISO 527-2/5
Tensile Strain (Break)	3.7	%	ISO 527-2/5
Flexural Modulus [1]	9400	MPa	ISO 178
Flexural Stress	225	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength [2] (23°C)	12	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength [3] (23°C)	60	kJ/m²	ISO 180/1U
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+3 to 1.0E+5	ohms	ASTM D257
Injection	**Nominal Value**	**Unit**	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15 to 0.25	%	
Rear Temperature	249 to 260	°C	
Middle Temperature	266 to 277	°C	
Front Temperature	277 to 288	°C	
Processing (Melt) Temp	266 to 277	°C	
Mold Temperature	82.2 to 93.3	°C	
Back Pressure	0.344 to 0.689	MPa	
Screw Speed	30 to 60	rpm	
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		

Recommended distributors for this material

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