

# 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/cm <sup>3</sup>	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 <sup>1</sup>	9400	MPa	ISO 178
Flexural Stress	225	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength <sup>2</sup> (23°C)	12	kJ/m <sup>2</sup>	ISO 180/1A
Unnotched Izod Impact Strength <sup>3</sup> (23°C)	60	kJ/m <sup>2</sup>	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

