



LNP™ THERMOCOMP™ Compound 9X98071

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound PDX-98071

Product reorder name: 9X98071

LNP THERMOCOMP 9X98071 is a compound based on PA 6/10 resin containing Carbon Fiber. Added features include; Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 5 mm/min	170	MPa	ISO 527
Tensile Strain, break, 5 mm/min	3.7	%	ISO 527
Flexural Stress, yield, 2 mm/min	225	MPa	ISO 178
Flexural Modulus, 2 mm/min	9400	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	60	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	12	kJ/m ²	ISO 180/1A
PHYSICAL			
Density	1.16	g/cm ³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+03 - 1.E+05	Ohm	ASTM D 257



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.15 - 0.25	%
Melt Temperature	265 - 275	°C
Front - Zone 3 Temperature	275 - 290	°C
Middle - Zone 2 Temperature	265 - 275	°C
Rear - Zone 1 Temperature	250 - 260	°C
Mold Temperature	80 - 95	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	30 - 60	rpm