



LNP™ LUBRICOMP™ Compound 9X98026

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ LUBRICOMP™ Compound PDX-STN-98026

Product reorder name: 9X98026

LNP LUBRICOMP 9X98026 is a compound based on PA4.6 resin containing Barium Sulfate, PTFE and Carbon Fiber

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 5 mm/min	159	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.2	%	ISO 527
Tensile Modulus, 1 mm/min	19300	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	207	MPa	ISO 178
Flexural Strain, break, 2 mm/min	1.8	%	ISO 178
Flexural Modulus, 2 mm/min	14200	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	19	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	4	kJ/m ²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	1.2E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	5.8E-05	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	289	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	281	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage, flow (5)	0.1 - 0.2	%	SABIC Method
Density	2.11	g/cm ³	ISO 1183
Water Absorption, 23°C/24hrs	1.6	%	ISO 62-1



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.05	%
Melt Temperature	310 - 320	°C
Front - Zone 3 Temperature	310 - 320	°C
Middle - Zone 2 Temperature	300 - 310	°C
Rear - Zone 1 Temperature	280 - 295	°C
Mold Temperature	80 - 120	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm