



LNP™ LUBRICOMP™ Compound 9X06084

Europe-Africa-Middle East: COMMERCIAL

LNP LUBRICOMP 9X06084 is a compound based on PA46 resin containing PTFE. Added features include: Internally Lubricated, Heat Stabilized.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 50 mm/min	84	MPa	ISO 527
Tensile Strain, yield, 50 mm/min	13	%	ISO 527
Tensile Modulus, 1 mm/min	2900	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	103	MPa	ISO 178
Flexural Modulus, 2 mm/min	2500	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	95	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	6	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	247	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	77	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage, flow (5)	2.1	%	SABIC Method
Density	1.25	g/cm ³	ISO 1183



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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