LNP™ LUBRICOMP™ COMPOUND MG004

ML-4340

DESCRIPTION

LNP LUBRICOMP MG004 is a compound based on Polypropylene resin containing Graphite Powder.

TYPICAL PROPERTY VALUES

Revision 20191210

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield, 5 mm/min	33	MPa	ISO 527
Tensile Strain, yield, 5 mm/min	4.4	%	ISO 527
Tensile Modulus, 1 mm/min	2700	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	54	MPa	ISO 178
Flexural Modulus, 2 mm/min	2900	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	20	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	4	kJ/m²	ISO 180/1A
THERMAL			
CTE, 23°C to 60°C, flow	9.2E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	1.29E-04	1/°C	ISO 11359-2
HDT/Bf, 0.45 MPa Flatw 80*10*4 sp=64mm	122	°C	ISO 75/Bf
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	71	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow	1.1 – 1.6	%	SABIC method
Density	1.02	g/cm³	ISO 1183

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