

LNP™ LUBRICOMP™ RAL22I compound

Polyamide 66

SABIC Innovative Plastics

Message:

LNP LUBRICOMP RAL22I is a compound based on Nylon 66 resin containing PTFE, Aramid Fiber. Added features of this material include: Internally Lubricated, High Impact.

Also known as: LNP* LUBRICOMP* Compound RAL-4022 HI

Product reorder name: RAL22I

General Information	
Filler / Reinforcement	Aramid fiber
Additive	Graphite powder lubricant
Features	Impact resistance, high Lubrication

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3240	MPa	ASTM D638
Tensile Strength (Break)	70.3	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	3310	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Unnotched Izod Impact (23°C)	640	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	87.8	°C	ASTM D648
NOTE			

1. 50 mm/min

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Recommended distributors for this material

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