

LNP™ THERMOCOMP™ RX06421S compound

Polyamide 66

SABIC Innovative Plastics

Message:

LNP THERMOCOMP RX06421S is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include: Easy Molding.

Also known as: LNP* THERMOCOMP* Compound RF-1006 EM HS CCS

Product reorder name: RX06421S

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Good formability		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.30	%	ASTM D955
Water Absorption (24 hr, 50% RH)	0.90	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	9820	MPa	ASTM D638
Tensile Strength (Break)	137	MPa	ASTM D638
Tensile Elongation (Break)	2.4	%	ASTM D638
Flexural Modulus	7680	MPa	ASTM D790
Flexural Strength	207	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Unnotched Izod Impact (23°C)	760	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	228	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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