

LNP* Thermocomp* RF0069SZ

Polyamide 66

SABIC Innovative Plastics Asia Pacific



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Technical Data

Product Description

LNP* Thermocomp* RF0069SZ is a compound based on Nylon 66 resin containing Glass Fiber, Flame Retardant. Added features of this material include: Flame Retardant.

Also known as: LNP* Thermocomp* Compound RF-1006 FR-1 HS
Product reorder name: RF0069SZ

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
UL Yellow Card ²	• E207780-101281608
Search for UL Yellow Card	• SABIC Innovative Plastics Asia Pacific • LNP* Thermocomp*
Availability	• Asia Pacific
Filler / Reinforcement	• Glass Fiber Reinforcement
Features	• Flame Retardant

Physical	Nominal Value Unit	Test Method
Specific Gravity	1.65 g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.30 %	ASTM D955
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus ⁴	13900 MPa	ASTM D638
Tensile Strength (Break)	161 MPa	ASTM D638
Tensile Elongation (Break)	1.7 %	ASTM D638
Flexural Modulus	11200 MPa	ASTM D790
Flexural Strength	221 MPa	ASTM D790
Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	48 J/m	ASTM D256
Unnotched Izod Impact (23°C)	560 J/m	ASTM D4812
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed, 3.20 mm	235 °C	ASTM D648

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL IDES continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

³ Typical properties: these are not to be construed as specifications.

⁴ 50 mm/min

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Where to Buy

Supplier

SABIC Innovative Plastics Asia Pacific

Shanghai, China

Telephone: 86-21-3222-4500

Web: <http://www.sabic-ip.com/>

Distributor

Please contact the supplier to find a distributor for LNP* Thermocomp* RF0069SZ



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– Kevin Chase, Owner & President, Chase Plastics



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