

LNP* Thermocomp* RF007ESS

Polyamide 66

SABIC Innovative Plastics Europe



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Technical Data

Product Description

LNP* Thermocomp* RF007ESS is a compound based on Nylon 66 resin containing Glass Fiber. Added features of this material include: Easy Molding, Heat Stabilized.

Also known as: LNP* Thermocomp* Compound RF-1007 EM HS
Product reorder name: RF007ESS

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
Search for UL Yellow Card	• SABIC Innovative Plastics Europe • LNP* Thermocomp*
Availability	• Europe
Filler / Reinforcement	• Glass Fiber Reinforcement
Additive	• Heat Stabilizer
Features	• Good Moldability • Heat Stabilized
RoHS Compliance	• RoHS Compliant

Physical	Nominal Value Unit	Test Method
Density	1.40 g/cm ³	ISO 1183
Molding Shrinkage - Flow ³	0.10 to 0.30 %	Internal Method
Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Break)	178 MPa	ISO 527-2/5
Tensile Strain (Break)	2.4 %	ISO 527-2/5
Flexural Modulus ⁴	9100 MPa	ISO 178
Flexural Strength ^{4,5}	235 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength ⁶ (23°C)	10 kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁶ (23°C)	50 kJ/m ²	ISO 180/1U
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature ⁷ 1.8 MPa, Unannealed, 64.0 mm Span	237 °C	ISO 75-2/Af

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

³ Tensile Bar

⁴ 2.0 mm/min

⁵ Break

⁶ 80*10*4

⁷ 80*10*4 mm

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Where to Buy

Supplier

SABIC Innovative Plastics Europe

, Netherlands

Telephone: +36-1-238-5060

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

Distributor

Polymix

Telephone: +33-3-8920-1380

Web: <http://www.polymix.eu/>

Availability: France

RESINEX Group

RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.

Telephone: +32-14-672511

Web: <http://www.resinex.com/>

Availability: Europe

Ultrapolymers

Ultrapolymers is a Pan European distribution company. Contact Ultrapolymers for availability of individual products by country.

Telephone: +32-11-57-95-57

Web: <http://www.ultrapolymers.com/>

Availability: Europe



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– Birgit Elvardt Bader, Production Manager, Micotron

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Automotive Plastics Search – easily locate automotive approved plastics.

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– Kevin Chase, Owner & President, Chase Plastics



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