

LNP* Thermocomp* RFM-3353 EM

Polyamide 66

SABIC Innovative Plastics Europe



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Technical Data

Product Description

LNP* Lubricomp* RFM-3353 EM is a compound based on Nylon 66 resin containing Glass Fiber, Mineral. Added features of this material include: Easy Molding.

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\Mineral
Features	• Good Moldability
RoHS Compliance	• RoHS Compliant

Physical	Nominal Value Unit	Test Method
Density	1.48 g/cm ³	ISO 1183
Molding Shrinkage - Flow ³	0.30 to 0.50 %	Internal Method
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	10400 MPa	ISO 527-2/1
Tensile Stress (Break)	119 MPa	ISO 527-2/5
Tensile Strain (Break)	2.0 %	ISO 527-2/5
Flexural Modulus ⁴	8500 MPa	ISO 178
Flexural Strength ^{4, 5}	171 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength ⁶ (23°C)	5.0 kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁶ (23°C)	30 kJ/m ²	ISO 180/1U
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature ⁷		
0.45 MPa, Unannealed, 64.0 mm Span	248 °C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	221 °C	ISO 75-2/Af
CLTE		ISO 11359-2
Flow: 23 to 60°C	0.000030 cm/cm/°C	
Transverse: 23 to 60°C	0.000071 cm/cm/°C	

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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– Kevin Chase, Owner & President, Chase Plastics



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