

LNP* Colorcomp* R1000

Polyamide 66

SABIC Innovative Plastics



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Technical Data

Product Description

LNP* Colorcomp* R is an unfilled Nylon 6/6.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
Search for UL Yellow Card	• SABIC Innovative Plastics • LNP* Colorcomp*
Availability	• North America

Physical	Nominal Value Unit	Test Method
Density	1.14 g/cm ³	ISO 1183
Molding Shrinkage		Internal Method
Flow	1.2 %	
Across Flow	1.4 %	
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	3000 MPa	ISO 527-2/1
Tensile Stress (Yield)	79.9 MPa	ISO 527-2/5
Tensile Strain		ISO 527-2/5
Yield	11 %	
Break	45 %	
Flexural Modulus ³	2900 MPa	ISO 178
Flexural Strength	33.0 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength		ISO 179/2C
-30°C	140 kJ/m ²	
23°C	170 kJ/m ²	
Notched Izod Impact Strength ⁴ (23°C)	140 kJ/m ²	ISO 180/1A
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature ⁵		
0.45 MPa, Unannealed, 64.0 mm Span	200 °C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	70.0 °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 2.0 mm/min

⁴ 80*10*4

⁵ 80*10*4 mm

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SABIC Innovative Plastics

Where to Buy

Supplier

SABIC Innovative Plastics

Pittsfield, MA USA

Telephone: 800-845-0600

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

Distributor

Nexeo Solutions

Telephone: 800-531-7106

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

Availability: North America



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– Kevin Chase, Owner & President, Chase Plastics



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