

LNP* Stat-Kon* RX98063

Polyamide 66

SABIC Innovative Plastics Europe



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Technical Data

Product Description

LNP* STAT-KON* RX98063 is a compound based on PA 66 resin containing Glass Fiber, Stainless Steel Fiber. Added features include; Antistatic.

Also known as: LNP* Stat-Kon* Compound PDX-R-98063 NAT
Product Reorder name: RX98063

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
Search for UL Yellow Card	• SABIC Innovative Plastics Europe • LNP* Stat-Kon*
Availability	• Europe
Filler / Reinforcement	• Glass Fiber Reinforcement • Stainless Steel Fiber
Additive	• Antistatic
Features	• Antistatic
RoHS Compliance	• RoHS Compliant
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density	1.48 g/cm ³	ISO 1183
Molding Shrinkage		ISO 294-4
Across Flow: 24 hr	0.80 %	
Flow: 24 hr	0.30 %	
Water Absorption (23°C, 24 hr)	1.1 %	ISO 62

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	7800 MPa	ISO 527-2/1
Tensile Stress (Yield)	131 MPa	ISO 527-2/5
Tensile Strain (Break)	2.6 %	ISO 527-2/5
Flexural Modulus ³	8400 MPa	ISO 178
Flexural Strength ^{3, 4}	212 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength ⁵ (23°C)	8.0 kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁵ (23°C)	35 kJ/m ²	ISO 180/1U

Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature ⁶		ISO 75-2/Af
1.8 MPa, Unannealed, 64.0 mm Span	> 238 °C	
CLTE		ISO 11359-2
Flow: 23 to 60°C	0.000029 cm/cm/°C	
Transverse: 23 to 60°C	0.000087 cm/cm/°C	

Electrical	Nominal Value Unit	Test Method
Surface Resistivity	1.0E+10 to 1.0E+12 ohm	ASTM D257

Injection	Nominal Value Unit
Drying Temperature	82.2 °C
Drying Time	4.0 hr
Suggested Max Moisture	0.15 to 0.25 %
Rear Temperature	266 to 277 °C
Middle Temperature	282 to 293 °C
Front Temperature	293 to 304 °C
Processing (Melt) Temp	282 to 304 °C

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Injection	Nominal Value Unit
Mold Temperature	93.3 to 110 °C
Back Pressure	0.172 to 0.344 MPa
Screw Speed	30 to 60 rpm

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 Yield

⁵ 80*10*4

⁶ 80*10*4 mm

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SABIC Innovative Plastics Europe

Where to Buy

Supplier

SABIC Innovative Plastics Europe

, Netherlands

Telephone: +36-1-238-5060

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

Distributor

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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– Kevin Chase, Owner & President, Chase Plastics



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