

## Technical Data

### Product Description

Genestar™  
GN2330

V-0 flame-retardant. GN2330 is a standard grade able to strike a balance between mechanical strength and moldability with dimensional stability. 11 standard colors and 16 FAKRA colors for in-vehicle use are available; there has been a rapid increase in entertainment device and automotive applications. Glass content: 33%

#### Application examples

Board-to-cable connector, In-vehicle use a high-speed transmission connector/FAKRA connector, Connector for Automotive, Electrical and electronic applications

Generic  
Nylon 9T - Glass Fiber

This data represents typical values that have been calculated from all products classified as: Generic Nylon 9T - Glass Fiber

This information is provided for comparative purposes only.

General	Genestar™ GN2330	Generic Nylon 9T - Glass Fiber
Manufacturer / Supplier	<ul style="list-style-type: none"> <li>Kuraray Co., Ltd.</li> </ul>	<ul style="list-style-type: none"> <li>Generic</li> </ul>
Generic Symbol	<ul style="list-style-type: none"> <li>Nylon 9T</li> </ul>	<ul style="list-style-type: none"> <li>Nylon 9T</li> </ul>
Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Literature <sup>1</sup>	<ul style="list-style-type: none"> <li><a href="#">Technical Datasheet (English)</a></li> </ul>	--
UL Yellow Card <sup>2</sup>	<ul style="list-style-type: none"> <li><a href="#">E90350-252519</a></li> </ul>	--
Search for UL Yellow Card	<ul style="list-style-type: none"> <li><a href="#">Kuraray Co., Ltd.</a></li> <li><a href="#">Genestar™</a></li> </ul>	--
Availability	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> <li>Europe</li> <li>Latin America</li> <li>North America</li> </ul>	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> <li>Europe</li> <li>Latin America</li> <li>North America</li> </ul>
Filler / Reinforcement	<ul style="list-style-type: none"> <li>Glass Fiber, 33% Filler by Weight</li> </ul>	<ul style="list-style-type: none"> <li>Glass Fiber</li> </ul>
Features	<ul style="list-style-type: none"> <li>Good Dimensional Stability</li> <li>Good Moldability</li> <li>Good Strength</li> </ul>	--
Uses	<ul style="list-style-type: none"> <li>Automotive Applications</li> <li>Connectors</li> <li>Electrical/Electronic Applications</li> </ul>	--
Appearance	<ul style="list-style-type: none"> <li>Colors Available</li> </ul>	--

Physical	Genestar™ GN2330	Generic Nylon 9T - Glass Fiber	Unit	Test Method
Density	--	1.36 to 1.73	g/cm <sup>3</sup>	ISO 1183
	1.62	--	g/cm <sup>3</sup>	ISO 1183/A
Molding Shrinkage	--	0.20 to 1.0	%	ISO 294-4
Across Flow : 2.00 mm	0.80	--	%	
Flow : 2.00 mm	0.20	--	%	
Water Absorption (24 hr, 23°C)	0.13	0.099 to 0.19	%	ISO 62



Mechanical	Genestar™ GN2330	Generic Nylon 9T - Glass Fiber	Unit	Test Method
Tensile Stress	184	149 to 250	MPa	ISO 527-2
Tensile Strain (Break)	1.8	1.5 to 2.5	%	ISO 527-2
Flexural Modulus	11500	6200 to 15600	MPa	ISO 178
Flexural Stress	260	216 to 370	MPa	ISO 178
Impact	Genestar™ GN2330	Generic Nylon 9T - Glass Fiber	Unit	Test Method
Charpy Notched Impact Strength				
--	--	8.8 to 17	kJ/m <sup>2</sup>	ISO 179
--	11	--	kJ/m <sup>2</sup>	ISO 179/1eA
Flammability	Genestar™ GN2330	Generic Nylon 9T - Glass Fiber	Unit	Test Method
Flame Rating	V-0	--		UL 94
Additional Information	Genestar™ GN2330	Generic Nylon 9T - Glass Fiber	Unit	
Bar Flow Length - 750kgf (320°C, 500.0 µm)	55	--	mm	

**Notes**

- <sup>1</sup> 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.
- <sup>2</sup> A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector 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.
- <sup>3</sup> Typical properties: these are not to be construed as specifications.



Where to Buy

Supplier

Genestar™ GN2330	<b>Kuraray Co., Ltd.</b> Tokyo, Tokyo Japan Telephone: +81-3-6701-1659 Web: <a href="https://kuraray.us.com/">https://kuraray.us.com/</a>
Generic Nylon 9T - Glass Fiber	<b>Generic</b>

Distributor

Genestar™ GN2330	Please contact the supplier to find a distributor for Genestar™ GN2330
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