

**Product Texts**

**Rilsan® 8020 resin** is a translucent flexible copolyamide based on renewable resources and without plasticizer. This grade is specially designed for medical uses.

**Main applications:**

- Catheter
- alloon catheter

**Packaging:**

This grade is delivered dried in sealed packaging (25 kg bags) ready to be processed.

**Shelf Life:**

Two years from the delivery. For any use above this limit, please refer to our technical services.

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Yield stress	- / <b>24</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	- / <b>21</b>	%	ISO 527
<sup>[C]</sup> Nominal strain at break	- / <b>&gt;50</b>	%	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	<b>172 / *</b>	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Water absorption	<b>0.8 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1020 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Profile Extrusion

**Applications**

Medical

**Delivery form**

Pellets

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

**Certifications**

Contains renewable resources

**Other text information****Other extrusion****Processing conditions:**

- Typical melt temperature (Min / Recommended / Max) : 220°C / 235°C / 250°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80°C.