

## Rilsan® 8020

PA\*

ARKEMA

**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>			
Yield stress	- / 24	MPa	ISO 527
Yield strain	- / 21	%	ISO 527
Nominal strain at break	- / >50	%	ISO 527

Thermal Properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting Temperature (10°C/min)	172 / *	°C	ISO 11357-1/-3

Other Properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Water Absorption	0.8 / *	%	Sim. to ISO 62
Density	1020 / -	kg/m³	ISO 1183

### Characteristics

#### Processing

Profile Extrusion

#### Certifications

Contains renewable resources

#### Delivery form

Pellets

#### Applications

Medical

### 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.