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
ISO Data			
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
ISO Data			
Melting Temperature (10°C/min)	172 / *	°C	ISO 11357-1/-3

Other Properties	dry / cond	Unit	Test Standard
ISO Data			
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.

Disclaimer

- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

At all times, our standard terms and conditions of sale apply.