

RILSAN® BESNO MED

PA11,EHL,22-010

Rilsan® BESNO MED resin is a polyamide 11 produced from a renewable source. This grade dedicated to extrusion offers the highest quality and it is specifically designed to meet the stringent requirements of the medical applications such as minimally invasive devices.

Upon request, letters regarding USP Class VI compliance can be provided.

The percentage of renewable carbon according to ASTM D 6866 (calculated) is **100%**.

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Tensile Modulus	- / 1200	MPa	ISO 527-1/-2
Yield stress	- / 40	MPa	ISO 527-1/-2
Yield strain	- / 6	%	ISO 527-1/-2
Nominal Strain at Break	- / > 50	%	ISO 527-1/-2
Shore D Hardness, 15s	71 / *	-	ISO 7619-1
Charpy Impact Strength, +23°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 15	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 13	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	186 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1020 / 1020	kg/m ³	ISO 1183
%Bio-Based	100	-	ASTM D6866

MAIN APPLICATIONS:

- Medical tubing
- Catheters

PACKAGING:

This grade is delivered dried in sealed packaging (44 lb bags) ready to be processed.

SHELF LIFE:

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

Processing conditions:

- Typical melt temperature (Min / Recommended / Max) : 230°C / 250°C / 280°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-8 hours at 65-80°C.

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RILSAN®
BY **ARKEMA**

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RILSAN® BESNO MED

PROCESSING

Profile Extrusion, Other Extrusion

DELIVERY FORM

Pellets

SPECIAL CHARACTERISTICS

Bio-Based

REGIONAL AVAILABILITY

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

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rilsan.com

Arkema Inc. – Technical Polymers

900 First Avenue
King of Prussia, PA 19406
Tel.: +1 610 205 7000
Fax: +1 610 205 7497
arkema-america.com

RILSAN®
BY ARKEMA

Headquarters: Arkema France

420, rue d'Estienne d'Orves
92705 Colombes Cedex – France
Tel.: +33 1 49 00 80 80
Fax: +33 1 49 00 83 96
arkema.com