

RILSAN® BECV BLUE T8L

PA11, KHL, 18-010

Rilsan® BECV BLUE T8L resin is a polyamide 11 produced from a renewable source. This blue coloured grade is designed for cable coating but is also suitable for extrusion.

The percentage of renewable carbon according to ASTM D 6866 (calculated) is **>95%**.

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Yield stress	- / 40	MPa	ISO 527-1/-2
Yield strain	- / 7	%	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	- / 10	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 12	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	189 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1030 / 1030	kg/m ³	ISO 1183
%Bio-Based	95	-	ASTM D6866

MAIN APPLICATIONS:

- Wire and cable sheathing
- Anti-rodent cables

PACKAGING:

This grade is delivered dried in sealed packaging (550 kg rigid containers) 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) : 250°C / 260°C / 270°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80-90°C.

DELIVERY FORM

Pellets

REGIONAL AVAILABILITY

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

Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/en/products/product-safety/disclaimer/index.html>

RILSAN®
BY **ARKEMA**

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SPECIAL CHARACTERISTICS

Bio-Based

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SIC/11-2018

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[rilsan.com](https://www.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](https://www.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](https://www.arkema.com)