

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%**.

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Yield stress	- / 40	MPa	ISO 527-1/-2
	- / 5800	psi	
Yield strain	- / 7	%	ISO 527-1/-2
Nominal Strain at Break	- / >50	%	ISO 527-1/-2
Shore D Hardness	71 / *	-	ISO 868
Charpy Impact Strength, +23°C	- / No Break	kJ/m²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 10	kJ/m²	ISO 179/1eA
	- / 4.76	ftlb/in²	
Charpy Notched Impact Strength, -30°C	- / 12	kJ/m²	ISO 179/1eA
	- / 5.71	ftlb/in²	
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	189 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1030 / 1030	kg/m³	ISO 1183
	1.03 / 1.03	g/cm³	
%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.

RILSAN[®]

BECV BLUE T8L

DELIVERY FORM Pellets	
SPECIAL CHARACTERISTICS Bio-Based	
REGIONAL AVAILABILITY North America, Europe, Asia Pacific, South and Central America, Near East/Africa	