

## TECHNICAL DATA SHEET

# RILSAN® BECV BLUE T8L

## POLYAMIDE 11 PELLET

RILSAN® BECV BLUE T8L is a polyamide 11 compound. It is produced from a renewable & sustainable source (castor oil). This grade is designed for cable coating but is also suitable for tube extrusion.

**Designation :** ISO 16396 - PA11, KHL, C18-010

### DESIGNATION

PA11

### DELIVERY FORM

- Pellets

## MECHANICAL PROPERTIES

PROPERTIES	DRY / COND VALUE*	TEST STANDARD
Charpy notched impact strength, 23°C (73°F)	- / 10 kJ/m <sup>2</sup>	ISO 179 1eA
Charpy notched impact strength, -30°C (-22°F)	- / 12 kJ/m <sup>2</sup>	ISO 179 1eA
Charpy unnotched impact strength, 23°C (73°F)	- / No Break	ISO 179 1eU
Charpy unnotched impact strength, -30°C (-22°F)	- / No Break	ISO 179 1eU
Yield stress, 23°C (73°F), 50 mm/min	- / 40 MPa	ISO 527-1/-2
Yield strain, 23°C (73°F), 50 mm/min	- / 7 %	ISO 527-1/-2
Nominal strain at break, 23°C (73°F), 50 mm/min	- / > 50 %	ISO 527-1/-2
Hardness, Shore D, 15 s	- / 71	ISO 868

\*DRY: Dry As Molded (DAM) if pellet / Dry if powder.  
COND: Conditioned.

## THERMAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melting temperature, 10°C/min	189 °C	ISO 11357-1/-3

## OTHER PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Specific gravity, 23°C (73°F)	1.03 g/cm <sup>3</sup>	ISO 1183-1

## PACKAGING

This grade is delivered dried in sealed packaging ready to be processed. Available packaging:

- 550 kg rigid containers

# RILSAN® BECV BLUE T8L

## SHELF LIFE

Six months from the date of delivery, when stored properly (sealed bags, appropriate moisture, UV protection and temperature). For any use above this limit, please refer to our technical services.

## PROCESSING CONDITIONS:

- Typical melt temperature (Min / Recommended / Max) - Injection Molding: 250°C / 270°C / 290°C (480°F / 520°F / 555°F)

## SPECIAL CHARACTERISTICS

- Bio-based

## REGIONAL AVAILABILITY

Africa, Asia Pacific, Europe, Latin America and the Caribbean, Northern America

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