

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

プロパティ	DRY / COND VALUE*	テスト基準
Charpy notched impact strength, 23°C (73°F)	- / 10 kJ/m ²	ISO 179 1eA
Charpy notched impact strength, -30°C (-22°F)	- / 12 kJ/m ²	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: Conditionned.

THERMAL PROPERTIES

プロパティ	価値	テスト基準
Melting temperature, 10°C/min	189 °C	ISO 11357-1/-3

OTHER PROPERTIES

プロパティ	価値	テスト基準
Specific gravity, 23°C (73°F)	1.03 g/cm ³	ISO 1183-1

包装

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

- 550 kg rigid containers

RILSAN® BECV BLUE T8L

賞味期限

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:

- 典型的な溶融温度 (最小 / 推奨 / 最大) - 射出成形: 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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