

TECHNICAL DATA SHEET

RILSAN® BESNO 400 TL NL

POLYAMIDE 11 PELLET

RILSAN® BESNO P400 TL NL is a polyamide 11 compound. It is produced from a renewable & sustainable source (castor oil). This plasticized natural grade and designed for tube extrusion.

Designation : ISO 16396 - PA11-IP, EG1HL, C22-005

DESIGNATION

PA11

MAIN APPLICATIONS

- Industry - Others

DELIVERY FORM

- Pellets

TRANSFORMATION PROCESSES

- Extrusion - General
- Tube Extrusion

ADDITIVES

- Heat Stabilized
- Light Stabilized

MECHANICAL PROPERTIES

プロパティ	DRY / COND VALUE*	テスト基準
Hardness, Shore D, 15 s	- / 49	ISO 868
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
Tensile modulus, 23°C (73°F), 1 mm/min	- / 190 MPa	ISO 527-1/-2
Charpy notched impact strength, 23°C (73°F)	No Break / No Break	ISO 179 1eA
Charpy notched impact strength, -30°C (-22°F)	- / 15 kJ/m2	ISO 179 1eA

*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	182 °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 g/cm³	ISO 1183-1

RILSAN® BESNO 400 TL NL

包装

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

- 550 kg rigid containers

賞味期限

Two years 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:

- 典型的な熔融温度 (最小 / 推奨 / 最大) - 射出成形: 230°C / 250°C / 270°C (445°F / 480°F / 520°F)
- 典型的な金型温度 - 射出成形: 20-60°C (70-140°F)
- Drying time and temperature: 80-90°C (175-195°F) / 4-6 hours

SPECIAL CHARACTERISTICS

- Bio-based
- Low oligomers

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