

## TECHNICAL DATA SHEET

# RILSAN® BESNO P40 TLX

## POLYAMIDE 11 PELLET

RILSAN® BESNO P40 TLX is a polyamide 11 compound. It is produced from a renewable & sustainable source (castor oil). This natural grade is designed for tube extrusion. It's a market reference for the extrusion of large pipes used in the Oil and Gaz industry.

Designation : ISO 16396 - PA11-P, EG1HL, C22-003

### DESIGNATION

PA11-P

### DELIVERY FORM

- Pellets

### TRANSFORMATION PROCESSES

- Extrusion - General
- Tube Extrusion

### ADDITIVES

- Heat Stabilized
- Light Stabilized
- Plasticizer

## MECHANICAL PROPERTIES

속성	DRY / COND VALUE*	테스트 표준
Charpy notched impact strength, 23°C (73°F)	No Break / No Break	ISO 179 1eA
Charpy notched impact strength, -30°C (-22°F)	- / 7 kJ/m2	ISO 179 1eA
Flexural modulus, 23°C (73°F)	- / 310 MPa	ISO 178

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

속성	값	테스트 표준
Melting temperature, 10°C/min	181 °C	ISO 11357-1/-3

## OTHER PROPERTIES

속성	값	테스트 표준
Specific gravity, 23°C (73°F)	1.04 g/cm <sup>3</sup>	ISO 1183-1

## PACKAGING

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

- 21 kg / 44 lb bags
- 455 kg / 1000 lb rigid containers
- 551 kg rigid containers

# RILSAN® BESNO P40 TLX

## SHELF LIFE

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:

- Typical melt temperature (Min / Recommended / Max) - Injection Molding: 230°C / 250°C / 270°C (445°F / 480°F / 520°F)
- Typical mold temperature - Injection molding: 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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