

RILSAN® BESNO 400 TL NL

PA11-HIP, EHL, 22-0052

Rilsan® BESNO P400 TL NL resin is a polyamide 11 produced from a renewable source. This natural grade is plasticized and designed for extrusion.

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Tensile Modulus	- / 190	MPa	ISO 527-1/-2
Stress at Break	* / 36	MPa	ISO 527-1/-2
Strain at Break	* / > 50	%	ISO 527-1/-2
Shore D Hardness, 15s	49 / *	-	ISO 7619-1
Charpy Impact Strength, +23°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / No Break	kJ/m ²	ISO 179/1eA
Charpy Notched Impact Strength, -30°C	- / 15	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	182 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1000 / 1000	kg/m ³	ISO 1183

APPLICATION PROPERTIES

Processing conditions:

- Typical melt temperature (Min / Recommended / Max) : 230°C / 250°C / 280°C.
- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-8 hours at 80-90°C.

MAIN APPLICATIONS:

Fluid transportation.
Offshore Flexible Pipes

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.

UPDATE:

Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/en/products/product-safety/disclaimer/index.html>

RILSAN®
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2020 05

PROCESSING

Profile Extrusion, Other Extrusion

DELIVERY FORM

Pellets

ADDITIVES

Plasticizer

SPECIAL CHARACTERISTICS

Heat Stabilized, Light Stabilized

REGIONAL AVAILABILITY

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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SIC/11-2018

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