RILSAN®
BESN BLACK P126 T6L

Rilsan® BESN BLACK P126 T6L resin is a flexible polyamide 11 produced from a renewable source. This grade is designed for tube extrusion and has a high thermo-oxidative resistance.

The material described in this document is a development grade. This product is not fully industrialized and has not reach full commercial status. As a consequence Arkema reserve the right to change the material specification or change the composition or optimize the process or suppress the material at any time without notice.

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Tensile Modulus	- / 800	MPa	ISO 527-1/-2
	- / 116000	psi	
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	189 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1010 / 1010	kg/m³	ISO 1183
	1.01 / 1.01	g/cm³	

MAIN APPLICATIONS:

- Fluid transportation
- Tubing for use in motor vehicle

PACKAGING:

This grade is delivered dried in sealed packaging (25 kg bags) ready to be processed.

SHELF LIFE:

Two years from the delivery. For any use above this limit, please refer to our technical services.

Processing conditions:

- Typical melt temperature (Min / Recommended / Max) : 230°C / 250°C / 300°C.

- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-8 hours at 80°C.

PROCESSING

Profile Extrusion, Other Extrusion

DELIVERY FORM

Pellets

SPECIAL CHARACTERISTICS

Bio-Based, Heat Stabilized, Light Stabilized

REGIONAL AVAILABILITY

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

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Source: automatically generated TDS from Material Database on 20-02-2024

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