

RILSAN®

BZM 30 O TLDA

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	9 / *	cm³/10min	ISO 1133
Temperature	235 / *	°C	-
	455 / *	°F	
Load	5 / *	kg	-
	11 / *	lb	
MECHANICAL PROPERTIES			
Tensile Modulus	- / 6800	MPa	ISO 527-1/-2
Stress at Break	- / 986000	psi	ISO 527-1/-2
	- / 7122	MPa	
Strain at Break	- / 17700	psi	ISO 527-1/-2
	- / 9	%	
Shore D Hardness	77 / *	-	ISO 868
Charpy Impact Strength, +23°C	- / No Break	kJ/m²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 26	kJ/m²	ISO 179/1eA
	- / 12.4	ftlb/in²	
Charpy Notched Impact Strength, -30°C	- / 18	kJ/m²	ISO 179/1eA
	- / 8.56	ftlb/in²	
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	189 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1250 / 1250	kg/m³	ISO 1183
	1.25 / 1.25	g/cm³	
%Bio-Based	97	-	ASTM D6866

MAIN APPLICATIONS:

- Molded parts for drinking water application

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.

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Processing conditions:

- Typical melt temperature (Min / Recommended / Max) : 250°C / 270°C / 290°C.
- Mold temperature : 40 - 90°C

- Drying time and temperature (only necessary for bags opened for more than two hours) : 4-6 hours at 80-90°C.

PROCESSING	
Injection Molding	
DELIVERY FORM	
Pellets	
ADDITIVES	
Release agent	
SPECIAL CHARACTERISTICS	
Bio-Based, Heat Stabilized, Light Stabilized	
REGIONAL AVAILABILITY	
North America, Europe, Asia Pacific, South and Central America, Near East/Africa	