

RILSAN® BZM 8 O TL

PA11, MHLR, 18-030, GF8

Rilsan® BZM 8 O TL is a fiberglass reinforced polyamide 11 produced from a renewable source.
This natural grade is designed for injection.

特性	乾燥/調湿	単位	テスト基準
レオロジー特性			
メルトポリュームレイト	18 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
荷重	5 / *	kg	-
	11 / *	lb	-
成形収縮率, 平行	1.1 / *	%	ISO 294-4, 2577
成形収縮率, 直角	0.9 / *	%	ISO 294-4, 2577
機械的特性			
引張弾性率	- / 2300	MPa	ISO 527-1/-2
	- / 334000	psi	
破壊応力	- / 56	MPa	ISO 527-1/-2
	- / 8120	psi	
破壊ひずみ	- / 26	%	ISO 527-1/-2
ショア硬さD, 15 s	73 / *	-	ISO 868
シャルピー衝撃強さ, +23°C	- / 93	kJ/m²	ISO 179/1eU
	- / 44.2	ftlb/in²	
シャルピー衝撃強さ, -30°C	- / 88	kJ/m²	ISO 179/1eU
	- / 41.9	ftlb/in²	
ノッチ付きシャルピー衝撃強さ, +23°C	- / 10	kJ/m²	ISO 179/1eA
	- / 4.76	ftlb/in²	
ノッチ付きシャルピー衝撃強さ, -30°C	- / 5	kJ/m²	ISO 179/1eA
	- / 2.38	ftlb/in²	
熱的特性			
溶融温度, 10°C/min	189 / *	°C	ISO 11357-1/-3
線膨張係数, 平行	60 / *	E-6/K	ISO 11359-1/-2
1.5mm厚さでの燃焼性	HB / *	class	IEC 60695-11-10
試験片の厚さ	1.6 / *	mm	-
	0.0630 / *	in	-

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

RILSAN® BZM 80 TL

厚さhでの燃焼性	HB / *	class	IEC 60695-11-10
試験片の厚さ	3.2 / *	mm	-
	0.1260 / *	in	
酸素指数	22 / *	%	ISO 4589-1/-2
その他の特性.			
密度	1070 / 1070	kg/m³	ISO 1183
	1.07 / 1.07	g/cm³	

Main applications:

- Spring for quick connectors
- Outsoles

Packaging:

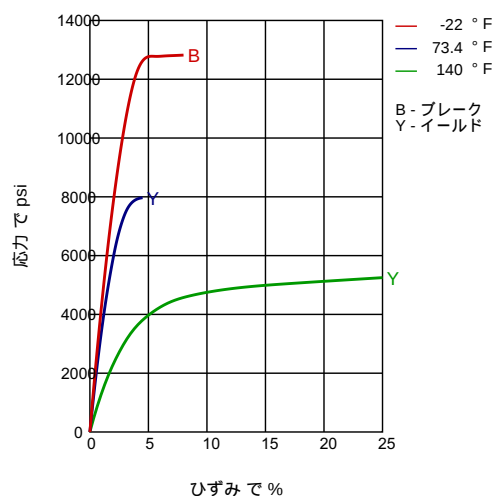
This grade is delivered dried in sealed packaging (25 kg bags) ready to be processed.

Shelf Life:

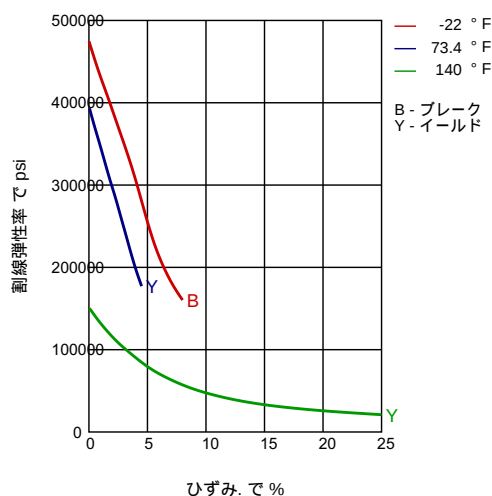
Two years from the delivery. For any use above this limit, please refer to our technical services.

機能

応力-ひずみ.



割線弾性率—ひずみ.



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.

RILSAN®

BZM 8 O TL

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納入形状 ペレット	
添加剤 離型剤	
特殊な特性 バイオベース, 熱安定化, 光安定化	
領域別の利用可能性 北アメリカ, ヨーロッパ, アジア/太平洋地域, 南・中央アメリカ, 近東/アフリカ	

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