

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	-

Arkema France - A French "société anonyme", registered in the Nanterre (France) Trade and Companies Register under the number 319 632 790 SDC/11-2018
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/m ³	ISO 1183
	1.07 / 1.07	g/cm ³	

Main applications:

- Spring for quick connectors
- Outsoles

Packaging:

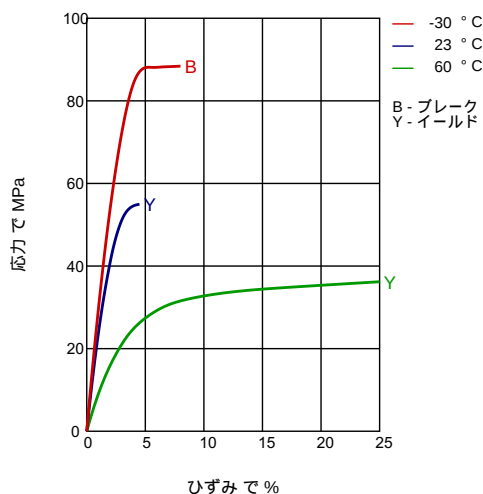
This grade is delivered dried in sealed packaging (25 kg bags) ready to be processed.

Shelf Life:

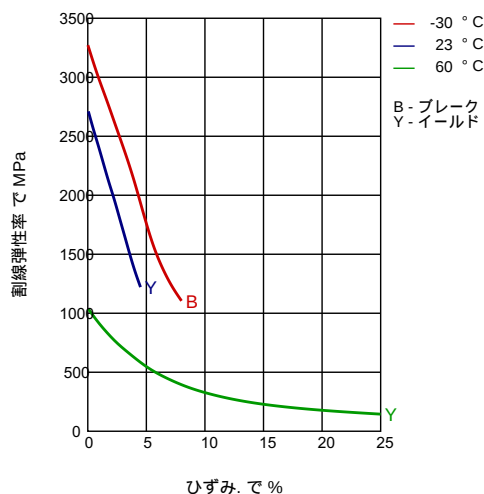
Two years from the delivery. For any use above this limit, please refer to our technical services.

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

成形加工法 射出成形	Headquarters: Arkema France 420 rue d'Estienne d'Orves 92705 Colombes Cedex France T +33 (0)1 49 00 80 80 hpp.arkema.com Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com
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	

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, ARKEMA expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.