

RILSAN®

BZM 30 BLACK TL

PA11,MHL,18-070,GF30

Rilsan® BZM 30 BLACK TL is a fiberglass reinforced polyamide 11 produced from a renewable source. This black grade is designed for injection molding.

特性	乾燥/調湿	単位	テスト基準
レオロジー特性			
メルトボリュームレイト	7 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
荷重	5 / *	kg	-
	11 / *	lb	-
成形収縮率, 平行	0.3 / *	%	ISO 294-4, 2577
成形収縮率, 直角	0.7 / *	%	ISO 294-4, 2577
機械的特性			
引張弾性率	- / 6900	MPa	ISO 527-1/-2
	- / 1E6	psi	
破壊応力	- / 110	MPa	ISO 527-1/-2
	- / 16000	psi	
破壊ひずみ	- / 6	%	ISO 527-1/-2
ショア硬さD, 15 s	74 / *	-	ISO 868
シャルピー衝撃強さ, +23°C	- / 74	kJ/m²	ISO 179/1eU
	- / 35.2	ftlb/in²	
シャルピー衝撃強さ, -30°C	- / 83	kJ/m²	ISO 179/1eU
	- / 39.5	ftlb/in²	
ノッチ付きシャルピー衝撃強さ, +23°C	- / 20	kJ/m²	ISO 179/1eA
	- / 9.51	ftlb/in²	
ノッチ付きシャルピー衝撃強さ, -30°C	- / 11	kJ/m²	ISO 179/1eA
	- / 5.23	ftlb/in²	
熱的特性			
溶融温度, 10°C/min	189 / *	°C	ISO 11357-1/-3
その他の特性			
吸水率, 23°C, immersion, equilibrium	1.3 / *	%	ISO 62
密度	1250 / 1250	kg/m³	ISO 1183
	1.25 / 1.25	g/cm³	

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

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Main applications:

- Quick connectors

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) : 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.

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
納入形状 ペレット	
特殊な特性 バイオベース, 熱安定化, 光安定化	Arkema Inc. – High Performance Polymers 900 First Avenue King of Prussia, PA 19406 Tel.: +1 610 205 7000 hpp.arkema.com
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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