

RILSAN® BSR 30

PA11, MHLR, 11-140, CF 30

Rilsan® BSR 30 resin is a polyamide 11 produced from a renewable source. Light and rigid, this grade is carbon fiber reinforced and designed for injection molding.

According to ASTM D6866, the biobased carbon content is measured at 62%.

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	12 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
荷重	5 / *	kg	-
	11 / *	lb	-
成形収縮率, 平行	0 / *	%	ISO 294-4, 2577
成形収縮率, 直角	0.6 / *	%	ISO 294-4, 2577
機械的特性			
引張弾性率	- / 16300	MPa	ISO 527-1/-2
	- / 2.36E6	psi	
破壊応力	- / 167	MPa	ISO 527-1/-2
	- / 24200	psi	
破壊ひずみ	- / 5	%	ISO 527-1/-2
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	- / 12	kJ/m²	ISO 179/1eA
	- / 5.71	ftlb/in²	
熱的特性			
溶融温度, 10°C/min	188 / *	°C	ISO 11357-1/-3
その他の特性			
%Bio-Based	62	-	ASTM D6866
密度	1150 / 1150	kg/m³	ISO 1183
	1.15 / 1.15	g/cm³	

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.

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RILSAN®

BSR 30

Processing conditions:

- Typical melt temperature (Min / Recommended / Max) : 260°C / 275°C / 290°C.
- Mold temperature : 70 - 100°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 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	
特殊な特性 バイオベース, 導電	
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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