RILSAN®
BMVO TLD

PA11, MHLR, 18-010
Rilsan® BMVO TLD resin is a polyamide 11 produced from a renewable source. This natural 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			
成形収縮率, 平行	0.1 / *	%	ISO 294-4, 2577
成形収縮率, 直角	1.0 / *	%	ISO 294-4, 2577
機械的特性			
引張弾性率	- / 1370	MPa	ISO 527-1/-2
	- / 199000	psi	
降伏応力	- / 42	MPa	ISO 527-1/-2
	- / 6090	psi	
降伏ひずみ	- / 5	%	ISO 527-1/-2
破壊呼びひずみ	- / >50	%	ISO 527-1/-2
ショア硬さD, 15 s	71 / *	-	ISO 868
シャルピー衝撃強さ, +23°C	- / 未破壊	kJ/m²	ISO 179/1eU
シャルピー衝撃強さ, -30°C	- / 未破壊	kJ/m²	ISO 179/1eU
ノッチ付きシャルピー衝撃強さ, +23°C	- / 12	kJ/m²	ISO 179/1eA
	- / 5.71	ftlb/in²	
ノッチ付きシャルピー衝撃強さ, -30°C	- / 10	kJ/m²	ISO 179/1eA
	- / 4.76	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.			
密度	1030 / 1030	kg/m³	ISO 1183
	1.03 / 1.03	g/cm³	

Main applications:
- Quick connectors parts

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) : 230°C / 250°C / 270°C.
- Mold temperature : 20 - 60°C

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

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

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成形加工法

射出成形

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

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

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