

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℃	- / 未破壊	kJ/m ²	ISO 179/1eU
シャルピー衝撃強さ, -30℃	- / 未破壊	kJ/m ²	ISO 179/1eU
ノッチ付きシャルピー衝撃強さ, +23℃	- / 12	kJ/m ²	ISO 179/1eA
	- / 5.71	ftlb/in ²	
ノッチ付きシャルピー衝撃強さ, -30℃	- / 10	kJ/m ²	ISO 179/1eA
	- / 4.76	ftlb/in ²	
熱的特性			
溶融温度, 10℃/min	189 / *	℃	ISO 11357-1/-3
その他の特性.			
密度	1030 / 1030	kg/m ³	ISO 1183
	1.03 / 1.03	g/cm ³	

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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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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