

RILSAN®

TIEFLEX S452 NAT T6L

Rilsan® TIEFLEX S452 NAT T6L resin is a flexible tie layer alloy partially based on renewable resources. This grade is designed for multilayer automotive and trucks lines (tie layer for fuel line). In the case of direct contact with fuel, contact Arkema representative for recommendations.

Packaging:

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

Shelf life:

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

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	3.7 / *	cm³/10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
荷重	5 / *	kg	-
	11 / *	lb	-
機械的特性			
引張弾性率	685 / 515	MPa	ISO 527-1/-2
	99400 / 74700	psi	
降伏応力	- / 33	MPa	ISO 527-1/-2
	- / 4790	psi	
降伏ひずみ	- / 31	%	ISO 527-1/-2
破壊呼びひずみ	- / >50	%	ISO 527-1/-2
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	- / 95	kJ/m²	ISO 179/1eA
	- / 45.2	ftlb/in²	
ノッチ付きシャルピー衝撃強さ, -30°C	- / 6.5	kJ/m²	ISO 179/1eA
	- / 3.09	ftlb/in²	
熱的特性			
溶融温度, 10°C/min	217 / *	°C	ISO 11357-1/-3
その他の特性			
吸水率, 23°C, immersion, equilibrium	2.9 / *	%	ISO 62
吸湿率	1.2 / *	%	ISO 62
密度	1090 / -	kg/m³	ISO 1183
	1.09 / -	g/cm³	

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

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Processing conditions

- Typical melt temperature (min / recommended / max): 220°C / 230°C / 270°C
- Drying time and temperature (only necessary for bags opened for more than two hours): 4-6 hours at 80°C

成形加工法 その他の押出成形	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	
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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