

# RILSAN®

## TIEFLEX R473 NAT TL

Rilsan® TIEFLEX R473 NAT TL resin is a flexible and partially bio based tie layer alloy. This grade is designed for air brake application (tie layer for air brake tubing).

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			
メルトポリウムレイト	5.4 / *	cm <sup>3</sup> /10min	ISO 1133
温度	235 / *	°C	-
	455 / *	°F	-
荷重	5 / *	kg	-
	11 / *	lb	-
機械的特性			
50%ひずみ時応力	- / 28	MPa	ISO 527-1/-2
	- / 4060	psi	
破壊ひずみ	- / >50	%	ISO 527-1/-2
シャルピー衝撃強さ, +23°C	- / 未破壊	kJ/m <sup>2</sup>	ISO 179/1eU
シャルピー衝撃強さ, -30°C	- / 未破壊	kJ/m <sup>2</sup>	ISO 179/1eU
ノッチ付きシャルピー衝撃強さ, +23°C	- / 100	kJ/m <sup>2</sup>	ISO 179/1eA
	- / 47.6	ftlb/in <sup>2</sup>	
ノッチ付きシャルピー衝撃強さ, -30°C	- / 11	kJ/m <sup>2</sup>	ISO 179/1eA
	- / 5.23	ftlb/in <sup>2</sup>	
熱的特性			
熔融温度, 10°C/min	215 / *	°C	ISO 11357-1/-3
その他の特性			
吸水率, 23°C, immersion, equilibrium	6.7 / *	%	ISO 62
吸湿率	2.1 / *	%	ISO 62
密度	1100 / -	kg/m <sup>3</sup>	ISO 1183
	1.1 / -	g/cm <sup>3</sup>	

Processing conditions

- Typical melt temperature (min / recommended / max): 230°C / 240°C / 250°C

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

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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  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	
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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