

RILSAMID®

AECNO TL

ISO 16396 - PA12, KGHL, C12-010

Rilsamid® AECNO TL resin is a natural polyamide 12.
This grade is designed for cable coating.

特性	乾燥/調湿	単位	テスト基準
機械的特性			
引張弾性率	- / 1250	MPa	ISO 527-1/-2
	- / 181000	psi	
降伏応力	- / 43	MPa	ISO 527-1/-2
	- / 6240	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℃	- / 5	kJ/m ²	ISO 179/1eA
	- / 2.38	ftlb/in ²	
ノッチ付きシャルピー衝撃強さ, -30℃	- / 7	kJ/m ²	ISO 179/1eA
	- / 3.33	ftlb/in ²	
熱的特性			
溶融温度, 10℃/min	178 / *	℃	ISO 11357-1/-3
その他の特性.			
密度	1010 / 1010	kg/m ³	ISO 1183
	1.01 / 1.01	g/cm ³	

Main applications:

- Wire and cable sheathing

Packaging:

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

Shelf life:

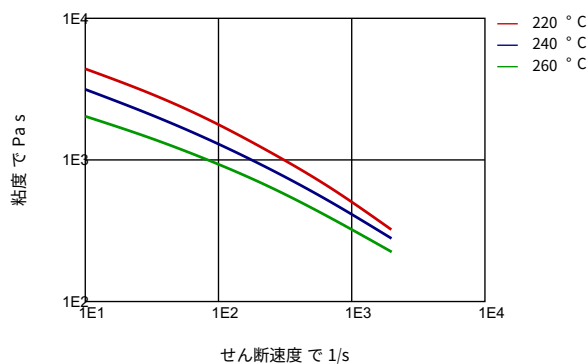
Two years from the date of delivery. for any use above this limit, please refer to our technical services.

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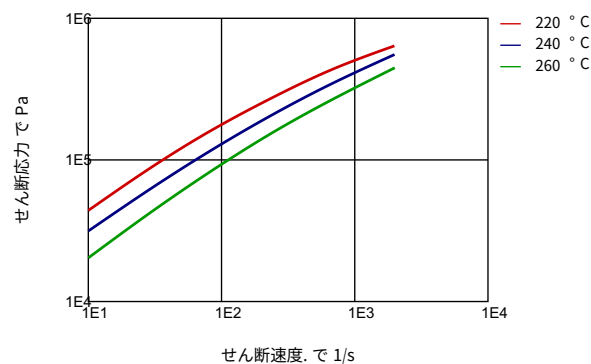
AECNO TL

機能

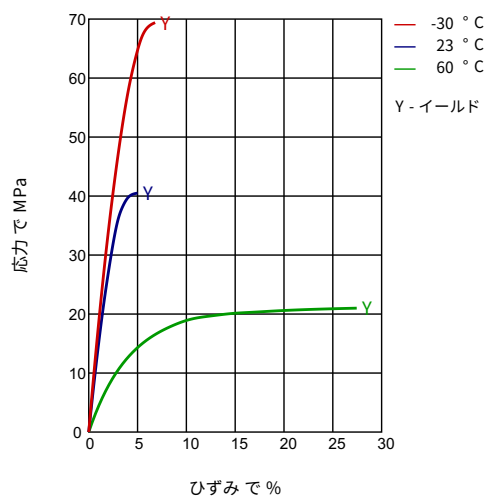
粘度せん断速度.



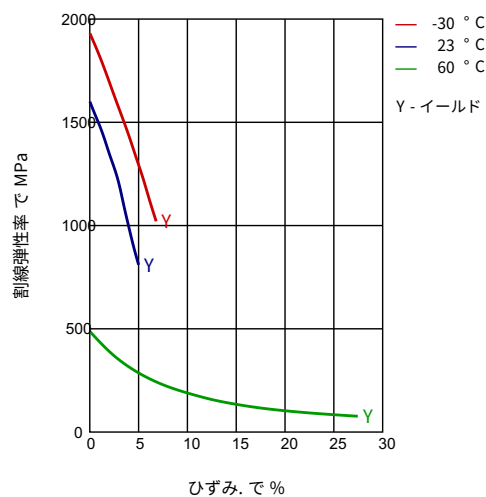
せん断応力-せん断速度.



応力-ひずみ.



割線弾性率—ひずみ.



Processing conditions:

Typical melt temperature (Min / recommended / Max): 240°C / 250°C / 260°C

Drying time and temperature (only necessary for bags opened more than two hours): 4 - 8 hours at 80°C

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成形加工法 射出成形, その他の押出成形, コーティング	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	
添加剤 滑剤	
特殊な特性 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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