

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.

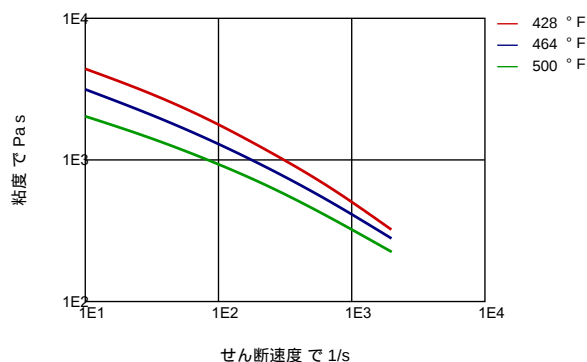
Arkema France - A French "société anonyme", registered in the Nanterre (France)
Trade and Companies Register under the number 319 632 790 SDC/11-2018
Source: automatically generated TDS from Material Database on 20-02-2024

RILSAMID[®]

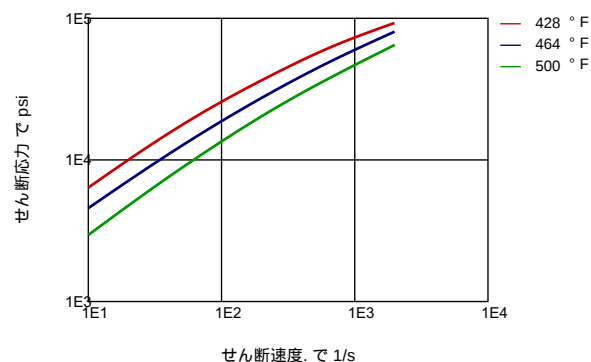
AECNO TL

機能

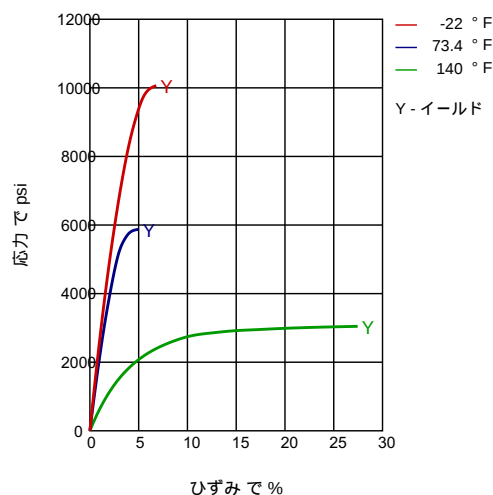
粘度せん断速度.



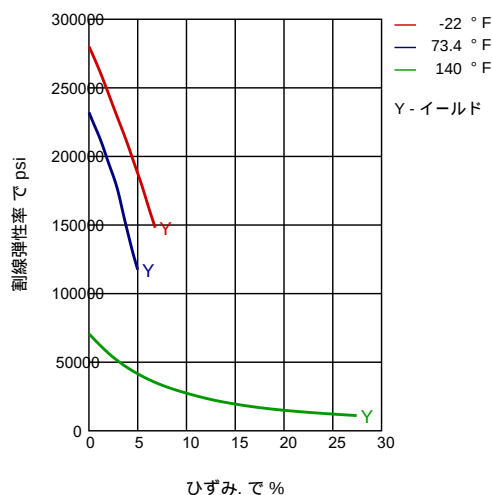
せん断応力-せん断速度.



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

RILSAMID®

AECNO TL

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	

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, ARKEMA expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.