

テクニカルデータシート

Sustarin[®] H (Delrin[®]) AF 20 - ASTM

製品の特徴

- 優れた寸法安定性
- 優れた耐摩耗性
- 優れた滑り特性

製品の用途例

- コンベヤー
- 機械工学
- エレクトロニクス

	試験法	単位	値
一般的物性			
比重	ASTM D792	g / cm ³	1.54
吸水率 (24時間後)	ASTM D570	%	0.2
散逸係数	ASTM D150	1MHz	0.009
吸水率 (飽和)	ASTM D570	%	0.8
機械的物性			
硬度	ASTM D785	Shore D	D76
降伏点での引張強度 73°F	ASTM D638	psi	6630
引張弾性率	ASTM D638	psi	540000
Elongation at Break	ASTM D638	%	30
曲げ強度	ASTM D790	psi	12500
曲げ弾性率	ASTM D790	psi	405000
圧縮強度	ASTM D695	psi	12600
Rockwell Hardness	ASTM D785		M50
Rockwell Hardness	ASTM D785	R	R110
熱的物性			
熱伝導率		in/hr/ft ² /F°	2
線膨張係数	ASTM D696	in/in/°F	4.4x10 ⁻⁵
融点	ASTM D3418	°F	350
荷重たわみ温度 at 1.8Mpa (264psi)	ASTM D648	°F	244
荷重たわみ温度 at 1.8Mpa (66psi)	ASTM D648	°F	334
連続使用温度		°F	185

	試験法	単位	値
燃焼性, UL94		1/8 inch	HB
電氣的物性			
誘電率	ASTM D150		3.1
絶縁破壊電圧	ASTM D149	V/mil	400
表面固有抵抗	ASTM D257	Ω/cm	10^{16}
Compliance properties			
FDA			No
NSF			No
USDA			No

All Information correspond to the current state of our knowledge. The above mentioned values are ranges ascertained by statistical tests on a regular base. They display product information and should be used as guide only to choose from our range of materials. We do not ensure specific properties or suitabilities for particular applications. The material properties rely e.g. on the product dimension, thus the actual value of a particular product may differ from indicated values. Additional specific properties and values can be provided on request. Our material selection for a specific application is based on information by the customer. Despite given recommendation for applications by Röchling Industrial Xanten GmbH, the enduser is still liable to ensure that no third party is affected legally. Furthermore please refer to our general terms and conditions (AGB) <https://www.roechling-industrial.com/gtc>



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