

テクニカルデータシート

Glastic® Glasrod SG-200

製品の特徴

- 非常に強く、高温下でも優れた特性を発揮し発熱が容易な材料
- 寸法安定性

製品の用途例

- 乾式変圧器
- 電気
- 電気絶縁
- 開閉装置
- 変圧器

	試験法	単位	値
一般的物性			
Standard Color			Tan
UL Temperature Index - Electrical	UL 746B	°C	210
UL Temperature Index - Mechanical	UL 746B	°C	210
機械的物性			
曲げ強度	ASTM D 790	psi	80,000
引張強度	ASTM D 638	psi	70,000
引張弾性率	ASTM D 638	psi X 10 ⁶	2
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	40
In-Plane Shear Strength	ASTM D 3914	psi	3,000
Compressive Strength - Axial	ASTM D 695	psi	50,000
Compressive Strength - Transverse	ASTM D 695	psi	14,000
熱的物性			
Coefficient of Thermal Expansion	ASTM D 696	(in./in.°C) x 10 ⁻⁵	0.7
熱伝導率	ASTM C 177		2
Flame resistance properties			
UL Subject 94	UL 94		HB
UL High Amp Ignition	UL 746A		200+
Oxygen Index	ASTM D 2863	%O ₂	21.8
機械的特性			

	試験法	単位	値
比重	ASTM D 792		1.85
Water Absorption	ASTM D 570	%	0.15
電気的特性			
Arc Resistance	ASTM D 495	sec.	150
Permittivity, 60 Hz	ASTM D 150		5
Insulation Resistance	ASTM D 257	$\Omega \times 10^{12}$	64
Electrical Strength - Axial in Oil		kV	70

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