

Technisches Datenblatt

Glastic® Glasrod MTS

Typische Eigenschaften

- Extremely strong, excellent retention of properties at elevated temperature, easily fabricated
- Cost-Effective
- Dimensionally Stable

Typische Industrien

- Generatoren und Motoren
- Trockentransformatoren
- Elektroindustrie
- Elektrische Isolierbauteile
- Schaltanlagen
- Transformatoren

	Testverfahren	Einheit	Wert
Allgemeine Eigenschaften			
Standard Color			Red
Mechanische Eigenschaften			
Flexural Strength	ASTM D 790	psi	80,000
Tensile Strength	ASTM D 638	psi	50,000
Tensile Modulus	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	2,000
Compressive Strength - Axial	ASTM D 695	psi	40,000
Compressive Strength - Transverse	ASTM D 695	psi	14,000
Thermische Eigenschaften			
Coefficient of Thermal Expansion	ASTM D 696	(in./in.°C) x 10 ⁻⁵	0.9
Wärmeleitfähigkeit	ASTM C 177		2
Physikalische Eigenschaften			
Specific Gravity	ASTM D 792		2
Water Absorption	ASTM D 570	%	0.25
Dielektrische Eigenschaften			
Arc Resistance	ASTM D 495	sec.	130
Permittivity, 60 Hz	ASTM D 150		5
Insulation Resistance	ASTM D 257	Ω x 10 ¹²	83



	Testverfahren	Einheit	Wert
Electrical Strength - Axial in Oil		kV	70

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