

Technisches Datenblatt

Glastic® UTS 141

Typische Eigenschaften

- NEMA GPO-2
- High Strength
- Flame-Resistant Meets UL94 VO

Typische Industrien

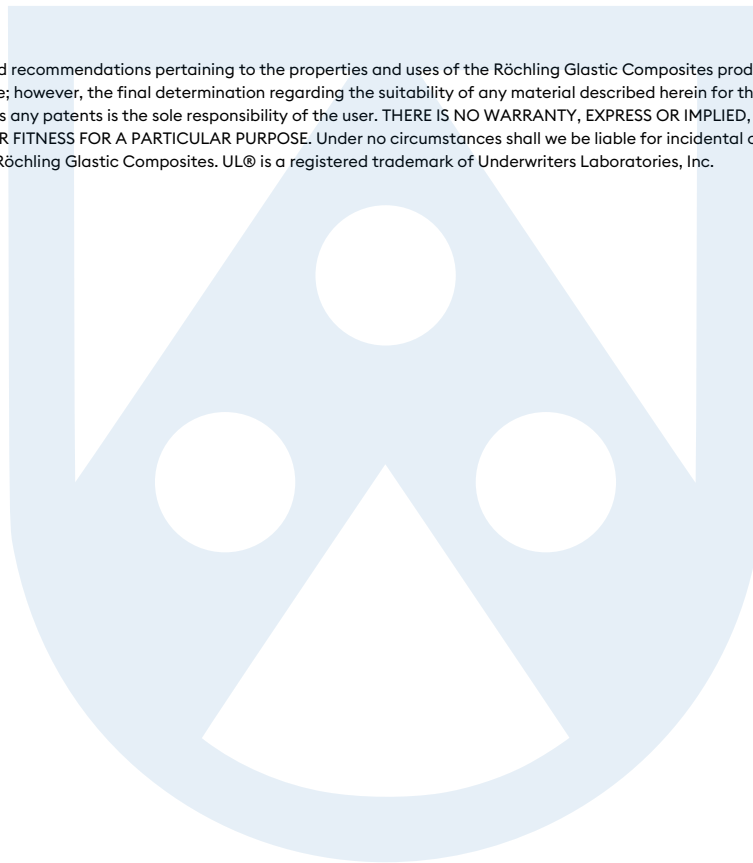
- Schaltanlagen
- Elektroindustrie
- Elektrische Isolierbauteile
- Elektronik

	Testverfahren	Einheit	Wert
Allgemeine Eigenschaften			
Part Number			141
NEMA Grade LI 1-1989	NEMA LI-1		GPO-2
Standard Color			Red
UL Temperature Index - Electrical	UL 746B	°C	130
UL Temperature Index - Mechanical	UL 746B	°C	130
UL Recognition File Number			E23525
Mechanische Eigenschaften			
Flexural Strength	ASTM D 790	psi	18,000
Flexural Strength @130°C	ASTM D 790	psi	6,000
Compressive Strength	ASTM D 695	psi	30,000
Tensile Strength	ASTM D 638	psi	8,000
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	8.0
Shear Strength	ASTM D 732	psi	14,000
Thermische Eigenschaften			
Coefficient of Thermal Expansion	ASTM D 696	(in./in.°C) x 10-5	2
Flamm Eigenschaften			
UL Subject 94	UL 94		VO
Ignition Time		sec.	75
Burn Time		sec.	85
Physikalische Eigenschaften			
Water Absorption	ASTM D 570	% by wt.	0.8



	Testverfahren	Einheit	Wert
Specific Gravity	ASTM D 792		1.8
Dielektrische Eigenschaften			
Electrical Strength - Perpendicular S/T in Air	ASTM D 149	Vpm	300
Electrical Strength - Parallel S/S in Oil	ASTM D 149	kV	40
Arc Resistance	ASTM D 495	sec.	130
IEC Track Resistance (CTI)	UL 746A	V	600+
Permittivity, 60 Hz	ASTM D 150		4.5
Dissipation Factor, 60 Hz	ASTM D 150		0.05

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Röchling Industrial Cleveland, LP

4321 Glenridge Road • 44121 Cleveland/United States (US) • Tel. +1 216 486-0100
info@glastic.com • www.roechling.com/cleveland

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