

Technisches Datenblatt

Glastic® 1130 Angles and Channels

Typische Eigenschaften

- Flame-Resistant Meets UL94 VO
- Corrosion Resistance
- Weatherability

Typische Industrien

- Generatoren und Motoren
- Trockentransformatoren
- Elektroindustrie
- Elektrische Isolierbauteile
- Schaltanlagen
- Bahntechnik und Schienenfahrzeuge

	Testverfahren	Einheit	Wert
Allgemeine Eigenschaften			
Part Number			1130
Standard Color			Gray
UL Recognition File Number			R9599
Mechanische Eigenschaften			
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	11.3
Tensile Strength, lengthwise	ASTM D 638	psi	14,600
Tensile Strength, crosswise	ASTM D 638	psi	16,000
Flexural Strength, lengthwise	ASTM D 790	psi	20,400
Flexural Strength, crosswise	ASTM D 790	psi	23,300
Flamm Eigenschaften			
UL Subject 94	UL 94		VO
Radiant Panel Flame Spread	ASTM E 162		12
Tunnel Test - Flame Spread	ASTM E 84 / UL 723		20
Composition of smoke			
Aldehydes		ppm	18
Carbon Monoxide		ppm	105
Carbon Dioxide		ppm	6,800
Oxides of Nitrogen		ppm	19
Hydrogen Cyanide		ppm	<1



	Testverfahren	Einheit	Wert
Vinyl Chloride		ppm	<0.3
Physikalische Eigenschaften			
Water Absorption	ASTM D 570	% by wt.	0.1
Dielektrische Eigenschaften			
Electrical Strength - Perpendicular S/T in Air	ASTM D 149	Vpm	316
Arc Resistance	ASTM D 495	sec.	192
Inclined Plane Track Resistance	ASTM D 2303	min.	870

All of the information, suggestions, and recommendations pertaining to the properties and uses of the Röchling Glastic Composites products described herein are based upon tests and data believed to be accurate; however, the final determination regarding the suitability of any material described herein for the use contemplated, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. THERE IS NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Under no circumstances shall we be liable for incidental or consequential loss or damage. Glastic® is a registered trademark of Röchling Glastic Composites. UL® is a registered trademark of Underwriters Laboratories, Inc. See correlating profile page for sizing and related information.

