

This datasheet is based on provisional product data and is subject to revision.



INSTRUCTIONS FOR USE

General working practices apply to these products, details of which can be obtained from the Gurit Guide to Composites or by contacting a Gurit representative (contact details provided at the end of this datasheet).

TYPICAL MECHANICAL PROPERTIES

PROPERTY	UNIT	Kerdyn [™] Green 80FR	Kerdyn™ Green 115FR	Kerdyn™ Green 180FR	STANDARD
Edge Marking	-	TBC	TBC	TBC	-
Nominal Sheet Size	mm	1005 x 2440	1005 x 2440	1005 x 2440	-
	Inches	39.5 x 96	39.5 x 96	39.5 × 96	-
Nominal Density	kg/m ³	80	115	180	ISO 845
	lb/ft ³	4.99	7.18	11.24	
Typical Density range	kg/m ³	75-85	110-120	173 - 187	ISO 845
	lb/ft ³	4.68-5.31	6.87-7.49	10.8-11.67	
Compression Strength	MPa	1.00	1.60	3.05	ASTM D1621
	Psi	145	232	442	
Compressive Modulus	MPa	72	101	165	ISO 844
	Psi	10443	14649	23931	
Shear Strength 0º	MPa	0.60	0.90	1.70	ASTM C-273
	Psi	87	130	246	
Shear Modulus 0ª	MPa	18	29	53	ASTM C-273
	Psi	2611	4206	7687	
Shear Strength 90º	MPa	0.60	0.90	1.65	ASTM C-273
	Psi	87	130	239	
Shear Modulus 90º	MPa	17	27	49	ASTM C-273
	Psi	2465	3916	7107	
Shear Elongation	%	16	12	8	ASTM C-273
Tensile Strength	MPa	1.40	1.80	2.50	ASTM D-1623
	Psi	203	261	363	
Tensile Modulus	MPa	84	117	183	ASTM D-1623
	Psi	12183	16969	26542	

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NOTICE

All advice, instruction or recommendation is given in good faith but the selling Gurit entity (the Company) only warrants that advice in writing is given with reasonable skill and care. No further duty or responsibility is accepted by the Company. All advice is given subject to the terms and conditions of sale (the Conditions) which are available on request from the Company or may be viewed at Gurit's Website: www.gurit.com/terms-and-conditions.aspx

The Company strongly recommends that Customers make test panels in the final process conditions and conduct appropriate testing of any goods or materials supplied by the Company prior to final use to ensure that they are suitable for the Customer's planned application. Such testing should include testing under conditions as close as possible to those to which the final component may be subjected. The Company specifically excludes any warranty of fitness for purpose of the goods other than as set out in writing by the Company. Due to the varied nature of end-use applications, the Company does, in particular, not warrant that the test panels in the final process conditions and/or the final component pass any fire standards.

The Company reserves the right to change specifications and prices without notice and Customers should satisfy themselves that information relied on by the Customer is that which is currently published by the Company on its website. Any queries may be addressed to the Technical Services Department.

Gurit is continuously reviewing and updating literature. Please ensure that you have the current version by contacting your sales contact and quoting the revision number in the bottom left-hand corner of this page.

TECHNICAL CONTACT INFORMATION

For all other enquiries such as technical queries:

 Telephone
 + 44 1983 828000 (08:30 - 17:00 GMT)

 Email
 technical.support@gurit.com

24-HOUR CHEMICAL EMERGENCY NUMBER

For advice on chemical emergencies, spillages, fires or exposures:

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