

Typical Product Parameters

Sheet Size	Thickness					
	1/8" 3 mm	1/4" 6 mm	1/2" 13 mm	1" 25 mm	1 1/2" 38 mm	2" 51 mm
18 x 18 457 x 457 mm				2600 3000	2600 3000	2600 3000
24 x 24 610 x 610 mm				2600 3000	2600 3000	2600 3000
24 x 36 610 x 914 mm		LD ES	LD ES	LD HD ES	LD HD	LD HD
24 x 48 610 x 1120 mm		LD ES	LD ES	RG LD HD 2600 3000	RG LD HD 2600 3000	RG LD HD 2600 3000
42 x 48	LD	LD ES	LD ES			

Duraboard® HD & Duraboard LD are available 3" & 4" thick by special order.

*Other sizes by special request.

Typical Product Properties

Properties		Board							
		RG	LD	HD	350ES	500ES	2600	3000	
Nominal Density	lb/ft³/kg/m³	16/258	16/258	26/419	18/288	22/352	14/224	12/192	
Temperature Grade	°F/°C	2300/1260	2300/1260	2300/1260	2300/1260	2300/1260	2600/1427	3000/1649	
Product Melting Point	°F/°C	3200/1760	3200/1760	3200/1760	3200/1760	3200/1760	3300/1816	3400/1871	
Recommended Operating Temperature		2100/1149	2100/1149	2100/1149	2100/1149	2100/1149	2450/1343	2700/1482	
MOR PSI	Green (typ.) Fired (24 hrs @ cont. use)	250 110	200 80	300 125	350 90	450 170	150 65	150 55	
LOI (% by Wt)		5-7%	6-7%	6-7%	3-7%	4-8%	4-6%	4-6%	
Dielectric Strength		27 volts/mil	27 volts/mil	27 volts/mil	27 volts/mil	27 volts/mil	27 volts/mil	27 volts/mil	
Color		Cream to tan	Cream/ white	Cream	White to Cream	Cream to tan	Cream	Cream	
Shrinkage (%) 24 Hrs @ Recommended Operating Temp.		<5%	<5%	<5%	<5%	<5%	<2%	<2%	
Compressive Strength	lb/in²	Green 48	Fired 25	Green 42	Fired 23	Green 59	Fired 35	Green 40	Fired 27
Deformation @	5% 10% 15%	61 25 71	25 50 25	22 50 57	23 22 23	59 70 81	35 33 32	Green 40 65 76	Fired 27 33 33
Fiber Content									
Fiberfrax®**		100%	100%	100%	100%	90%	75%	50%	
Fibermax®***							25%	50%	

**Fiberfrax is Unifrax's patented 2300°F/1260°C amorphous alumina-silica fiber.

***Fibermax is Unifrax's patented 3000°F/1649°C polycrystalline mullite fiber.

The recommended operating temperature of Fiberfrax products is determined by irreversible linear change criteria, not melting point.

For additional information about product performance or to identify the recommended product for your application, please contact the Unifrax Application Engineering Group at 716-768-6460.

Data are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.

CHIZ BROS P: 412.384.5220 www.CHIZBROS.com



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Product Information Sheets are periodically updated by Unifrax. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

Unifrax I LLC

Corporate Headquarters
600 Riverwalk Parkway
Suite 120
Tonawanda, NY 14150
Telephone: 716-768-6500
Internet: www.unifrax.com
Email: info@unifrax.com