

Iten Industries

Resiten® 120FRGG Performance Values

<u>Properties</u>	<u>Test Condition</u>	<u>ASTM</u>	<u>Values</u>
Thickness			.125 inches
Flexural Strength:	Condition A Lengthwise	D790	18,800 psi
	Condition A Crosswise		13,400 psi
Izod Impact (notched):	Condition A Lengthwise	D256	0.52 ft.lb./in.
	Condition A Crosswise		0.48 ft.lb./in.
Water Absorption		D570	1.48% of weight
Specific Gravity		D792	1.45
U.L. Subject 94		UL94	94VO
Dielectric Strength		D149	459+ Vpm
Dielectric Breakdown:	Condition A	D149	45 kV
	D48/50		123 kV
Arc Resistance:	Condition A	D495	123 seconds
Comparative Track Index (CTI)		U.L. 746A	500+ Volts
U.L.HV Track Rate			1.9mm/min. @120"
U.L. Hot Wire Ignition		U.L. 746A	63 seconds
U.L. High Amp Ignition		U.L. 746A	200 + Exposure
U.L. temperature Index:	Electrical		50° C
	Mechanical		50° C

Standard Sheet Sizes are 48" x 60", 48" x 72" and 48" x 96"

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All values are average test results from typical production material. No warranty is implied or guaranteed and testing is recommended for each application.

www.itenindustries.com

Imagineering with Plastics

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