

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"

Ashtabula, Ohio 44004 440-997-6134 Fax 440-992-3614

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

April 3, 2019