

# Iten Industries

## Resiten® C1020 Performance Values

<u>Properties</u>	<u>Test Condition</u>	<u>ASTM</u>	<u>Values</u>
Thickness			.500 inches
Flexural Strength:	Condition A Lengthwise	D790	18,900 psi
	Condition A Crosswise		13,500 psi
	D48/50 Lengthwise		20,400 psi
	D48/50 Crosswise		15,900 psi
Compressive Strength:	Lengthwise	D695	29,800 psi
	Crosswise		28,400 psi
	Flatwise		> 45,000 psi
Izod Impact (notched):	Condition A Lengthwise	D256	.92 ft.lb./in.
	Condition A Crosswise		.77 ft.lb./in.
	D48/50 Lengthwise		1.04 ft.lb./in.
	D48/50 Crosswise		.81 ft.lb./in.
	E48/50 Lengthwise		.99 ft.lb./in.
	E48/50 Crosswise		.80 ft.lb./in.
Water Absorption		D570	.57% of weight
Specific Gravity		D792	1.37

Standard Sheet sizes are 36" x 48" & 48" x 48"

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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.

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Imaging with Plastics

March 28, 2019