

***Chemical/Corrosion
Resistant Sheet***

haysite
reinforced plastics



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Haysite's Fiberglass Reinforced Plastic Sheets offer resistance and peak performance in harsh environments. The ability to manufacture sheets in various thicknesses, lengths, and colors combined with engineering support to develop special grades for unique applications help separate Haysite from its competition.

LABORATORY/FUME HOOD PANELS

Haysite brings years of experience supplying high quality, consistent sheets used as liners for fume hoods. Low smoke and flame spread values coupled with high chemical resistance make these sheets a standard product choice in most laboratory environments.

- Machines Easily – Good Strength
- Meets current SEFA Chemical Requirements.
- H232 – High quality sheet for the fume hood industry.

WASTEWATER/WATER TREATMENT

A natural fit for this industry, Haysite offers multiple corrosion resistant grades with very low water absorption.

- Haysite H722 and HCR series.

*Haysite will produce sheet in special lengths to improve utilization and reduce scrap. Haysite also has the capability to custom-cut Fume Hood panels to size. Contact your Sales Representative for details.

Typical Properties	Test Method	Units	H232	H193	HCR- 100	HCR-110	HCR-125	HCR-191	HCR-196	HCR-197
Category			Fume Hood Corrosion	Fume Hood Corrosion	Corrosion-Waste Water	Corrosion-Waste Water	Corrosion-Waste Water	Corrosion-Waste Water	Corrosion-Waste Water	Corrosion-Waste Water
Color	--	--	White	White	Green	Grey	Beige	Beige	Grey	Lt Yellow
Water Absorption	D-792	%	0.2	0.2	0.2	0.2	0.2	0.35	0.2	0.2
Barcol Hardness	--	--	46	48	60	53	55	58	55	56
Specific Gravity	D-792		1.83	1.79	1.87	1.83	1.82	1.80	1.70	1.60
Density	--	Lbs/in3	0.066	0.065	0.068	0.066	0.066	0.065	0.062	0.057
Flammability	UL	Class	94V-0	94V-0	94-HB	94V-0	94V-0	94-HB	94-HB	94-HB
Flame Resistance										
Ignition Time	D-229	Seconds				97		80		85
Burning Time	D-229	Seconds				35		80		300
Flame Spread Index	E-84		20	20						
Smoke Development Index	VTEC UL	PSI	200	300						
Tensile Strength										
Lengthwise	D-638	PSI	10,300	10,300	10,000	9,200	10,200	10,000	10,200	10,000
Crosswise	D-638	PSI	10,000	10,000						
Flexural Strength										
Lengthwise	D-790	PSI	16,500	16,500	23,000	22,000	22,500	23,000	22,500	22,000
Crosswise	D-790	PSI	16,700	16,700						
Compressive Strength										
Flatwise	D-695	PSI	30,000	30,000	30,000	33,170	30,000	32,000	30,000	30,000
Impact Strength Izod										
Lengthwise	D-256	Ft Lbs/in	7	7	8	6	8	10	8	10
Shear Strength	D-229	PSI	14,000	14,000	14,000	13,350	13,600	14,000	13,600	13,000
Arc Resistance	D-495	Seconds	189	190	150	192	180			
Dielectric Strength Perpendicular In Air/Oil	D-149	VPM	350	330	350	350	400	350	400	400
Dielectric Strength Parallel In Air/Oil	D-149 D-229	KV	48.6	54.0	54.0	54.6	47.0	40.0	47.0	54.0



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