

H193 is a fiberglass reinforced thermoset polyester sheet having good corrosion resistance to numerous acids and alkalis. This material also exhibits a high level of flame retardancy and low smoke generation. Typical applications for H193 are fume hood liners, weir panels for waste water treatment, and elsewhere when a cost effective general-purpose corrosion resistant material is required. Standard color is white. Sheet sizes are 36" x 72", 48" x 60", and 48" x 96". Thickness is 1/32" through 1". This material is unavailable for general sale and is sold exclusively under contract to Fisher Hamilton Industries, Two Rivers, Wisconsin. Sale of this material to anyone else requires the express written approval of Fisher Hamilton Industries.

<u>Property</u>	<u>Test Method</u>	<u>H220</u>
Specific Gravity	D-792	1.80
Water Absorption %	D-792	0.10
UL Flame Resistance	UL 94	94V-O
Flame Spread Index	E-84	15
Smoke Generation	E-84	320
Tensile Strength, PSI	D-638	6,000
Flexural Strength, PSI		
LW/CW Average	D-790	14,814
Compressive Strength Flatwise, PSI	D-695	24,000
Impact Strength, Izod, Ft Lbs/Inch Notch Edgewise	D-256	5.0
Shear Strength, PSI	D-229	7,000

Reported values for E-84 testing are from Underwriters Laboratories, Inc. Test Report Number R13668 dated 8/19/89.

Unless otherwise indicated, all properties published are based on test performed on standard ASTM test samples and according to ASTM test methods. Values shown are for test samples made from production materials and they are believed to be conservative. No warranty is to be construed, however, in fabricated or molded form, parts may vary considerably from this standard test data. Where specific or unusual applications arise, test should be made on actual parts, and test procedures agreed upon between Haysite Reinforced Plastics and the customer.