

.125” Manniglas[®] 2000

DATA SHEET

Note: Product data sheet presents nominal property data only and should not be interpreted as a specification.

TYPICAL PROPERTIES

| <u>PROPERTY</u> | <u>ENGLISH</u> | <u>METRIC</u> | <u>TEST METHOD BASED ON</u> |
|-----------------------------|--|----------------------|---------------------------------|
| BASIS WEIGHT | 213 lb/ 2880 ft ² | 361 g/m ² | TAPPI T-410 |
| THICKNESS | 0.125 inch @ 0.5 PSI | 3.18 mm @ 3.4 kPa | ----- |
| APPARENT DENSITY | 7.1 lb _f /ft ³ @ 0.5 PSI | 0.11 g/cc @ 3.4 kPa | ASTM D-202 |
| TENSILE | | | TAPPI T-494 |
| Machine Direction | 33 lb _f /in | 15 kg/25mm | |
| Cross Direction | 34 lb _f /in | 15 kg/25mm | |
| ASH | 94 (%) | 94 % | TAPPI T-1013 |
| THERMAL | | | |
| CONDUCTIVITY | BTU•in / hr•ft ² •°F | W / m •K | ASTM C177 |
| | 75°F 0.22 | 24°C 0.032 | |
| | 250°F 0.31 | 121°C 0.045 | |
| | 500°F 0.48 | 260°C 0.069 | |
| | 750°F 0.76 | 399°C 0.110 | |

Revision Date: 7/01/04

Lydall

P. O. Box 328, Troy, New York 12181
68 George Street, Green Island, New York 12183
Phone: (518) 273-6320 Fax: (518) 273-6361 On-line: www.lydall.com