

Technical Specifications

GREENLAM GENERAL PURPOSE GRADE HPL

| S. NO. | PROPERTIES | TEST METHOD AS PER NEMA LD 3:2005 | UNIT | SPECIFIED VALUES | TYPICAL VALUES - 0.7 MM | TYPICAL VALUES - 0.8 MM |
|--------|---|-----------------------------------|---------------|---------------------|-------------------------|-------------------------|
| 1 | Classification | | | HGS | HGS | HGS |
| 2 | Thickness | | mm | Thk. \pm 0.10 | 0.65-0.70(+) | 0.75-0.80(+) |
| 3 | Appearance | 3.1 | | No A,B, & C Defects | Complies | Complies |
| 4 | Light Resistance | 3.3 | Rating (min.) | Slight Effect | Slight Effect | Slight Effect |
| 5 | Clean Ability | 3.4 | Rating (max.) | 20 | 12 | 12 |
| | Stain 1-10 | | Rating (min.) | No Effect | No Effect | No Effect |
| | Stain 11-15 | | Rating (min.) | Moderate Effect | Slight Effect | Slight Effect |
| 6 | Boiling Water Resistance | 3.5 | Rating (min.) | No Effect | No Effect | No Effect |
| 7 | High Temperature Resistance | 3.6 | Rating (min.) | Slight Effect | Slight Effect | Slight Effect |
| 8 | Scratch Resistance | 3.7 | Rating (min.) | 2 | 2 | 2 |
| 9 | Ball Impact Resistance (Drop Height) | 3.8 | mm (min.) | 500 | 1500 | 1500 |
| 10 | Dimensional Change Elevated Temperature | 3.11 | | | | |
| | Machine Direction | | % (max.) | 0.7 | 0.42 | 0.42 |
| | Cross Direction | | % (max.) | 1.2 | 0.58 | 0.58 |
| 11 | Room Temperature Dimensional Stability | 3.12 | | | | |
| | Machine Direction | | % (max.) | 0.6 | 0.28 | 0.28 |
| | Cross Direction | | % (max.) | 1.1 | 0.51 | 0.51 |
| 12 | Wear Resistance | 3.13 | Cycles(min.) | 400 | 400 (min.) | 400 (min.) |

Note: Whereas Greenlam products are manufactured thoroughly to standards, the nature of the application procedure is beyond our control. The values given above are to the best of knowledge but without liability/warranty, expressed or implied.