

| Properties | | Test Method (EN - 438-2) CLAUSE NO. <i>Unless otherwise stated</i> | Standard Value of CGS Grade | Test Value of Airolam CGS |
|--|--------------------------|--|--------------------------------|------------------------------|
| Length & Width Tolerance | | 6.4.6 | +10 mm - 0 mm | +8mm -0mm |
| Thickness Tolerance (As per EN-438, Table1) | | $12.0 \leq t \leq 16.0$ | ±0.60 | ±0.50 |
| Compact Density (g/cm³) | | EN ISO-1183 | ≥1.35 | 1.45 |
| Resistance to Surface wear Revolutions (min) | | 10 | ≥350 | >400 |
| Resistance to immersion in Boiling water (Max. %) | Increase in Thickness | 12 | 2 | 0.95 |
| | Increase in Mass | | 2 | 0.85 |
| | Appearance | | Rating-4 | Rating-5 |
| Resistance to Dry Heat at 180°C Appearance | | 16 | Rating-4 | Rating-5 |
| Dimensional Stability at elevated temp. (Max. %) | Machine Direction | 17 | 0.30 | 0.15 |
| | Cross Direction | | 0.60 | 0.35 |
| Resistance to Impact by Large –Diameter Ball | Drop Height mm (min.) | 21 | 1800 | >2000 |
| Resistance to Staining (Grade not Worse than) | Group 1 & 2 | 26 | Rating-5 | Rating-5 |
| | Group 3 | | Rating-4 | Rating 4 to 5 |
| Resistance to Cigarette Burns Appearance | | 30 | Rating-3 | Rating-4 |
| Resistance to Scratching | | 25 | Rating-3 | Rating-3 |
| Light Fastness (Xenon arc) | | 27 | 4 to5 (Grey Scale) | 4 to5 (Grey Scale) |
| Resistance to Water Vapour Appearance | | 14 | Rating-4 | Rating-5 |
| Resistance to Crazing Appearance | | 24 | Rating-4 | Rating-5 |
| Flexural Modulus Stress min. (Mpa) | | EN ISO-178 | 9000 | >11000 |
| Flexural Strength min. (Mpa) | | EN ISO-178 | 80 | >115 |
| Tensile Strength min. (Mpa) | | EN-ISO 527 | 60 | >80 |

Note: All our products comply to applicable standards, but results may differ based on the application and handling of the product.
Please refer <https://airolam.com/> for warranty clauses.