

LAMICOLOR®

LAMCO DIGITAL

Material consisting of layers of kraft paper impregnated with thermosetting resins and a surface decorative layer including a high definition digital printing impregnated with aminoplastic resins, all bonded together by an high pressure process including the simultaneous application of heat (T = 120°C) and high pressure (P = 5 MPa).

| PROPERTY | TEST METHOD (EN 438-2:2005) | PROPERTY OR ATTRIBUTE | UNIT | VALUE |
|--|--------------------------------|---|----------------------|--|
| Thickness | EN 438-2.5 | thickness (t) | mm | 1,0 <t< 2,0 ±0,15 |
| Flatness | EN 438-2.9 | maximum deviation | mm/m | 60 |
| Length and width | EN 438-2.6 | Length and width | mm | +10 / -0 |
| Straightness of edges | EN 438-2.7 | Straightness of edges | mm/m | ≤ 1,5 |
| Squareness | EN 438-2.8 | Squareness | mm/m | 1,5 |
| Dimensional stability at elevated temperature | EN 438-2.17 | Cumulative dimensional change | % long. % transv. | 0,55 1,05 |
| Resistance to impact by small diameter ball | EN 438-2.20 | Spring force | N | 20 |
| Resistance to scratching | EN 438-2.25 | Force | rating | ≥ 3 |
| Resistance to staining | EN 438-2.26 | appearance groups 1-2 appearance group 3 | rating | 5 ≥ 4 |
| Lightfastness | EN 438/2.27 | Contrast | grey scale rating | 4 |
| Volume electrical resistance | EN 61340-4-1 | R _v (23°C / 50% UR) | Ohm | 1x10 ⁹ - 1x10 ¹¹ |
| Density | ISO 1183 | Density | gr/cm ³ | ≥ 1,35 |

Note about colours

Some colours used for high definition digital printing may exhibit a metamerism behaviour. This is due to the technology used and it doesn't has to be considered as a defect but, rather, as a characteristic of the product. Slight differences of tonality may occur among digital print with the same pattern: take it in account for repetitive projects.

Note about machining:

- cold gluing is advised
- we suggest don't use Lamco Digital in rooms with high umidity level.
- If you need any other suggestion about the machining, please contact our technical service.