

PRESSBOARD DIN 3012 (Typical Values)

| Property | Range of Thickness | Unit | Value |
|---|--------------------|-------------------|---------|
| Apparent density | 1.0 mm | g/cm ³ | 1.20 |
| | 2.0 mm | g/cm ³ | 1.15 |
| | 3.0 mm | g/cm ³ | 1.05 |
| Tensile strength, MD | 1.0 mm | N/mm ² | 85 |
| | 2.0 mm | N/mm ² | 80 |
| | 3.0 mm | N/mm ² | 75 |
| Tensile strength, CMD | 1.0 mm | N/mm ² | 60 |
| | 2.0 mm | N/mm ² | 60 |
| | 3.0 mm | N/mm ² | 55 |
| Elongation, MD | 1.0 mm | % | 6.0 |
| | 2.0 mm | % | 7.0 |
| | 3.0 mm | % | 7.0 |
| Elongation, CMD | 1.0 mm | % | 8.0 |
| | 2.0 mm | % | 7.5 |
| | 3.0 mm | % | 7.5 |
| Shrinkage, MD Shrinkage, CMD Shrinkage, thickness | 1.0-3.0 mm | % | 0.5 |
| | 1.0-3.0 mm | % | 0.7 |
| | 1.0-3.0 mm | % | 3.0-4.0 |
| Moisture content | 0.5-3.0 mm | % | < 8 |
| Ash content | 0.5-3.0 mm | % | < 5 |
| Conductivity of aqueous extract | 1.0 mm | mS/m | 5.6 |
| | 2.0 mm | mS/m | 6.8 |
| | 3.0 mm | mS/m | 7.1 |
| pH of aqueous extract | 0.5-3.0 mm | - | 6.5-9.0 |
| Oil absorption | 1.0 mm | % | 17.5 |
| | 2.0 mm | % | 20 |
| | 3.0 mm | % | 25 |
| Electrical break down strength 50 Hz | 1.0 mm | kV/mm | 50 |
| | 3.0 mm | kV/mm | 40 |

The technical data for TRANSFORMERBOARD reflect typical results of our routine tests performed in WEIDMANN laboratories according to IEC Standards 641-2 and 243-1. These typical values do not constitute specifications of our products.

Standard Thicknesses and Sheet Sizes

| PRESSBOARD DIN 3012 | | |
|----------------------------|--------------------|---|
| Thickness | Master Size | Standard Size |
| 0.5 mm | 2250 x 1040 mm | 2250 x 1040 mm 1125 x 1040 mm 1040 x 750 mm |
| 0.8 mm | | |
| 1.0 mm | | |
| 1.5 mm | | |
| 2.0 mm | | |
| 2.5 mm | | |
| 3.0 mm | | |

Minimum order: one sheet in master size
 Special sizes and thicknesses upon request and with extra charge

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