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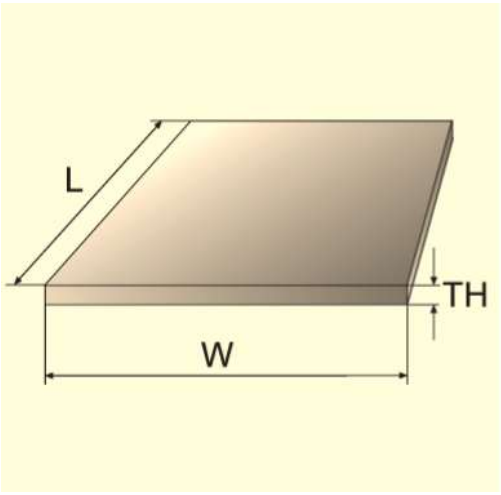
WEIDMANN

# SCELW T7




## 700A

Product description
SCELW T7 - TRANSFORMERBOARD LD (T7)
For highly curved insulation components.

Product properties

| | | | |
|---|---|---|---|
| Apparent density: | 0.95g/cm3 | Raw material: | Unbleached kraft pulp, cotton |
| Moisture content: | ≤ 6% | Thermal class: | 105° (IEC 60085) |
| Surface: | Wire marks, uncalendered | | |
| Standard: | IEC 60641-3-1, type B 4.3 | | |

Product information
Production steps: stock preparation, sheet forming and drying by hot pressing.
Products produced from Transformerboard LD (T7): tightly curved pieces; for example tubes and folded pieces in power, distribution and special transformers.
Special characteristics: material is free of internal tensions, flat and provides high mechanical and electrical strength.
Special tolerances may be available upon request but are subject to manufacturing capabilities. Minimum order quantities may be required.
The minimum order quantity is valid for the master sizes. For other sizes the quantity is calculated according to cutting patterns. For optimal packaging quantities look up under links.
Master size: 6300mm x 3200mm
Standard sizes: 6300mm x 3200mm, 6300mm x 1600mm, 4200mm x 3200mm, 4200mm x 1600mm, 3200mm x 3150mm, 3200mm x 2100mm, 3150mm x 1600mm, 2100mm x 1600mm, 2100mm x 1065mm
Special sizes that are available upon request: 6300mm x 2100mm, 6300mm x 1065mm, 4200mm x 2100mm, 3200mm x 1600mm, 1600mm x 1400mm, 1065mm x 1400mm and 1065mm x 1050mm. For the sizes 6300mm x 2100mm, 4200mm x 2100mm, 3200mm x 1600mm an additional cost for off-cuts must be included.
Existing article can be taken from the chart for product-variants.
For additional properties, please see additional information in table below.
Minimal order quantity: 1 pcs
Alternative ordering unit: kg

Product parameters

| Property | Unit | Range of thickness in mm | Value |
|---|---|---|---|
| Apparent density | g/cm³ | | 0.95* |
| Tensile strength, machine direction | MPa | 1.0 - 6.0 | 75 |
| Tensile strength, cross machine direction | MPa | 1.0 - 6.0 | 60 |




| | | | |
|---|---|---|---|
| Elongation, machine direction | % | 1.0 - 6.0 | 4.2* |
| Elongation, cross machine direction | % | 1.0 - 6.0 | 4.4* |
| Plybond resistance | N/30mm | 1.0 - 6.0 | 410 |
| Moisture content | % | 1.0 - 6.0 | ≤ 6% |
| Ash content | % | 1.0 - 6.0 | 0.2 |
| Shrinkage, machine direction | % | 1.0 - 6.0 | 0.4 |
| Shrinkage, cross machine direction | % | 1.0 - 6.0 | 0.5 |
| Shrinkage, thickness | % | 1.0 - 6.0 | 3.8 |
| Conductivity of aqueous extract | mS/m | 1.0 - 6.0 | 4 |
| pH of aqueous extract | - | 1.0 - 6.0 | 7 |
| Oil absorption | % | 1.0 - 6.0 | 26 |
| Electrical strength in oil | kV/mm | ≤ 1.6 | 40 |
| | | > 1.6 | 35 |
| * Typical value not according to IEC - Norm | | | |
| The technical data reflect typical results of routine tests performed in Weidmann laboratories according to IEC standards 60641-2 and 60243-1. These typical values do not constitute specifications of Weidmann products. | | | |

Ordering code
E1700A.P /GRE/TH/L/W

Disclaimer

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