

## TECHNICAL DATA SHEET

### 700 – FK104

700-FK104 is a medium weight plain weave glass fibre fabric, made from plied yarns treated with FK104. FK104 is a volan based finish designed for general resin reinforcement.

#### Technical data:

| Base Fabric                |      |                                   | Tolerance | Test Methods   |
|----------------------------|------|-----------------------------------|-----------|----------------|
| Yarn                       | Warp | EC7 – 22 x 3                      | ± 5%      | DIN EN 12654   |
|                            | Weft | EC7 – 22 x 3                      |           |                |
| Thread Count               | Warp | 13.8 per 1 cm                     | ± 5%      | DIN EN 1049    |
|                            | Weft | 12.5 per 1 cm                     |           |                |
| Tensile Strength (typical) |      |                                   |           | DIN EN 12654   |
|                            | Warp | 450 N/cm                          |           |                |
|                            | Weft | 400 N/cm                          |           |                |
| Weight                     |      | 186 g/m <sup>2</sup>              | ± 5%      | DIN EN 12127   |
| Weave                      |      | Plain weave                       |           | DIN ISO 9354   |
| Finished Fabric            |      |                                   |           |                |
| Coating                    |      | Volan treated after heat cleaning |           |                |
| Weight                     |      | 179 g/m <sup>2</sup>              | ± 10%     | DIN EN 12127   |
| Thickness (typical)        |      | 0.19 mm                           | ± 10%     | DIN ISO 4603/E |
| Tensile Strength (typical) | Warp | 200 N/cm                          |           | DIN ISO 4606   |
|                            | Weft | 175 N/cm                          |           |                |
| Organic content (typical)  |      | <1%                               |           |                |

**Important** - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes.