

## DATASHEET: 92626-FK144

### Description

92626-FK144 is a medium weight satin weave glass fibre fabric treated with FK 144. FK144 is a multifunctional finish designed to give a softer handle for hand lay up fabrication, FK144 is compatible with most Polyester, epoxy and vinyl ester resin systems. This combination of satin weave and finish makes this product most suitable for hand lay up of complex structures and compound curves.

| Technical Data             |      |                                   |          | Tolerance | Test Methods   |
|----------------------------|------|-----------------------------------|----------|-----------|----------------|
| Base Fabric                |      |                                   |          |           |                |
| Yarn                       | Warp | EC6 -68                           |          | ± 5%      | DIN EN 12654   |
|                            | Weft | EC6 -68                           |          |           |                |
| Thread Count               | Warp | 22.0                              | per 1 cm | ± 5%      | DIN EN 1049    |
|                            | Weft | 21.5                              | per 1 cm |           |                |
| Tensile Strength (typical) |      |                                   |          |           | DIN EN 12654   |
|                            | Warp | 800                               | N/cm     |           |                |
|                            | Weft | 800                               | N/cm     |           |                |
| Weight                     |      | 298                               | g/m2     | ± 5%      | DIN EN 12127   |
| Weave                      |      | 8 Shaft                           | satin    |           | DIN ISO 9354   |
| Finished Fabric            |      |                                   |          |           |                |
| Coating                    |      | Volan treated after heat cleaning |          |           |                |
| Weight                     |      | 294                               | g/m2     | ± 10%     | DIN EN 12127   |
| Thickness (typical)        |      | 0.19                              | mm       | ± 10%     | DIN ISO 4603/E |
| Tensile Strength (typical) | Warp | TBC                               | N/cm     | .         | DIN ISO 4606   |
|                            | Weft | TBC                               | 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. All Valmiera Glass materials described herein are sold subject to the Valmiera Glass conditions of sale, a copy of which is available on request.

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