

## Multitemp AE3

Multitemp AE3 is made from a glass fiber fabric and a higher temperature-resistant epoxy resin.

Multitemp AE3 is mainly used as a high-quality insulation material.

| Properties                       | Units                |           |
|----------------------------------|----------------------|-----------|
| Flexural strength                | At 23°C MPa          | 580       |
|                                  | At 250°C MPa         | 287       |
| Tensile strength                 | MPa                  | 250       |
| Compressive strength             | At 23° C MPa         | 600       |
|                                  | At 250°C MPa         | 360       |
| Modulus of Elasticity            | MPa                  | 20000     |
| Tracking index                   | V                    | 450       |
| Electric Strength                | MV/m                 | 8         |
| Maximum continuous temperature   | °C                   | 250       |
| Maximum intermittent temperature | °C                   | 260       |
| Thermal conductivity             | W/mK                 | 0,23      |
| Coëfficient of thermal expansion | 10 <sup>-6</sup> /°C | 15        |
| Density                          | g/cm <sup>3</sup>    | 1,9       |
| Water absorption                 | %                    | 0,1       |
| Flame Resistance                 | -                    | -         |
| Colour                           | -                    | Red-brown |

### Availability:

Multitemp AE3 can be delivered as full sheets, sheet cut-offs and finished parts.

Sheet:           Size:                           1050 x 2050 mm  
                  Thickness:                   4 - 60 mm

Parts:           Finished products conform drawing