



## Technical Properties

| Physical                                             | Unit              | Test Method       | Result             |
|------------------------------------------------------|-------------------|-------------------|--------------------|
| Specific gravity                                     | g/cm <sup>3</sup> | DIN EN ISO 1183-1 | 0.94               |
| Water absorption till saturation 23°C                | %                 | DIN EN ISO 62     | <0.01              |
| Maximum service temp. Upper temp limit - short term  | °C                |                   | 100                |
| Maximum service temp. Upper temp limit - Long term   | °C                |                   | 80                 |
| Lower temp limit                                     | °C                |                   | -100               |
| Mechanical                                           | Unit              | Test Method       | Result             |
| Notch impact strength                                | kJ/m <sup>2</sup> | DIN EN ISO 179-1  | > 50               |
| Shore-D                                              |                   | DIN EN ISO 868    | 60 - 65            |
| Thermal                                              | Unit              | Test Method       | Result             |
| Coefficient of linear thermal expansion 23°C - 100°C | m/(m.K)           | ISO 11359-2       | 2·10 <sup>-5</sup> |
| Thermal conductivity at 23°C                         | W/mK              | ISO 52612         | 0.40               |
| Electrical                                           | Unit              | Test Method       | Result             |
| Surface resistivity                                  | Ω                 | DIN EN 62631-3-1  | > 10 <sup>9</sup>  |
| Additional Data                                      | Unit              | Test Method       | Result             |
| Food compliance - FDA                                |                   | FDA               | no                 |
| Food compliance - EU                                 |                   | EU 10/2011        | no                 |
| Flammability                                         | Unit              | Test Method       | Result             |
| Fire performance                                     |                   | UL 94             | HB                 |
| Optical                                              | Unit              | Test Method       | Result             |

All information is for guide purposes only. The data has been taken from standard test results provided by our manufacturers.



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