

## Material

### 75 Simriz 486

**Revision Index**  
07**Revision Date**  
31.03.2022**General Data**

Colour: white

Declaration of Compliance for - Food & Beverage is available upon request for selected articles. Please contact your known sales contact or send an email to [info@fst.com](mailto:info@fst.com).

**Physical Properties****Nominal Range    Typical Value**

<b>Density</b> ASTM D297, 23 °C	2.09	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1, Shore A, 23 °C	75	Shore
<b>Tensile strength</b> ASTM D412, C, 23 °C	18.5	MPa
<b>Elongation at break</b> ASTM D412, C, 23 °C	195	%
<b>Compression set</b> DIN ISO 815, B, 70 h, 160 °C	25	%
<b>Compression set</b> ASTM D395, B, 70 h, 204 °C	25	%
<b>Glass transition temperature</b> ISO 11357-2, DSC	-2	°C

**Temperature Range**

static: -7 to 230 °C

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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