

# Material

## 75 Simriz 494

**PHASED OUT**
**Revision Index**  
 04

**Revision Date**  
 11.08.2016
**General Data**
 Colour: black  
 Type of cross-linking: Peroxidic

Declaration of Compliance for - Food & Beverage - Pharmaceutical 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> DIN EN ISO 1183-1, 23 °C	1.91 ±0.03	1.91	g/cm³
<b>Hardness</b> DIN ISO 7619-1, Shore A, 23 °C	75 ±5	78	Shore
<b>Modulus</b> 100 %, DIN 53504, S2, 23 °C		9.7	MPa
<b>Tensile strength</b> DIN 53504, S2, 23 °C	>14	16.8	MPa
<b>Elongation at break</b> DIN 53504, S2, 23 °C	>140	161	%
<b>Compression set</b> DIN ISO 815, I, 70 h, 200 °C, 25 %	<30	20	%
<b>Glass transition temperature</b> DIN 53765, DSC		-1	°C

**Temperature Range**
 static: -15 to 230 °C  
 static short term: up to 260 °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.

**Print date:** 30.04.2025