

# Material

## 75 FKM FP752205

**Revision Index**  
01

**Revision Date**  
23.05.2022

### General Data

Colour: black  
 Type of cross-linking: Bisphenol cure system

Physical Properties	Nominal Range	Typical Value	
Density DIN ISO 1183	1.78 ±0.03	1.78	g/cm <sup>3</sup>
Hardness DIN ISO 7619, Shore A	75 ±5	75	Shore
Tensile strength DIN 53504		7.3	MPa
Elongation at break DIN 53504		409	%
Rebound resilience DIN 53512		7	%
Tear strength DIN 53515		8.6	KN/m
Compression set DIN ISO 815 A, B, 24 h, 175 °C		25	%
Volume resistance r <sub>d</sub> DIN ICE 93/VDE 0303		580000000	Ohm

### Temperature Range

static: -18 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:** 29.04.2025