

Material name, short description	FKM
Material name, based on technical standards	Fluorine elastomer
Material description / intended use	Fluoroelastomer with high heat resistance and broad chemical resistance.
Color	green
Compound code	FKM 70.00-01
Crosslinking/curing agent	bisphenol

### Mechanical properties

Hardness nominal	75 ±5 Shore A ASTM D 297
Density nominal	2.02 ±0.05 g/cm <sup>3</sup> ASTM D 297
Tensile strength	10 N/mm <sup>2</sup> DIN 53504
Elongation at break	160 % DIN 53504
Compression set	35 % ASTM D 395-B 70 h, 200 °C
	22 % ASTM D 395-B 22 h, 200 °C

### Thermal properties

Operating temperature min.*	-20 °C
Operating temperature max.*	200 °C
Operating temperature max. short term*	230 °C
TR 10 value	-17 °C

\* Approximate value, dependent on the application

In compliance with **RoHS** and **REACH** directives.

This information is based on our available data. These values are measured on standard test specimens and are within the normal tolerance range of material properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. The customer is solely responsible for quality and suitability of material for his application. He has to test usage and processing prior to use. Angst+Pfister makes no guarantees for the suitability of the material for any given application and assumes no obligation or liability in connection with the information provided above.