

Technical data sheet in accordance with ASTM

Material

FKM FP801903

black

cross linking: bisphenolically
 Copolymer with 66% Fluorine

revision index
 4

revision date
 12/8/2023

page 1 / 2

Physical properties

	nominal range	typical values	
Density ISO 2781 A	1.91 ±0.02	---	g/cm ³
Hardness ISO 7619-1, Shore A	80 ±5	---	Shore
Tensile strength DIN 53504, S2	> 10	---	MPa
Elongation at break ISO 53504, S2	> 160	---	%
Compression set ISO 815-1, Slab B, 24 h, 200 °C	< 20	---	%
Low temperature test ASTM D1329, TR10	---	-17	°C

Temperature range -25°C to 200°C

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

	Country	Part	Remark	Expires
ADI Free			see certificate	see DoC
Info ROHS and ELV			EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

Freudenberg Industrial Services GmbH
 Global Material Technology
 Nadja Güldner

Telefon: -
 Fax: -
 Email: FIS.Compound.CRC@fst.com



Technical data sheet in accordance with ASTM

Material

FKM FP801903

black

cross linking: bisphenolically
Copolymer with 66% Fluorine

revision index

4

revision date

12/8/2023

page 2 / 2

No ASTM D2000 properties available

The given values are based on a limited number of tests on standard test pieces (2mm sheets). The data from finished parts can deviate from above values depending on the manufacturing 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.

Freudenberg

Freudenberg Industrial Services GmbH
Global Material Technology
Nadja Güldner

Telefon: -
Fax: -
Email: FIS.Compound.CRC@fst.com

