

# FPM 80 / 80-01-80038

80 ShA / peroxide crosslinked / black

- Fluorinated rubber
- Copolymer of ETP (approx. 66% fluorine)
- Very good temperature resistance, high chemical resistance.
- Excellent resistance to ozone, ageing and weathering.

Property	Value	Unit	DIN Standard
Hardness	80 ±5	Shore A	DIN ISO 7619-1
Density	1,83	g/cm <sup>3</sup>	DIN EN ISO 1183-1
Tensile strength at 100% elongation	6,7	N/mm <sup>2</sup>	DIN 53504
Elongation at break	247	%	DIN 53504
Tensile strength	13,8	N/mm <sup>2</sup>	DIN 53504
Compression set 175°C/24h	53,3	%	DIN ISO 815-1 B
Cold behaviour DSC	-7	°C	VDA 675116
Rebound resilience	12	%	DIN ISO 53512
Tear resistance	5,8	N/mm	DIN ISO 34-1 A
min. operating temperature	-25	°C	static
min. operating temperature	-5	°C	dynamic
max. operating temperature	+210	°C	constantly
max. operating temperature short	+280	°C	couple of hours

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

Our applied technical advice, either oral, written or through tests is given according to our best knowledge. However, this information is to be considered as non-obligatory instruction, also in terms of any protective rights of a third party, and does not exempt you from testing our product in reference to its suitability for the intended process and purpose. Utilisation, application and processing of the products occur entirely outside of our control and are therefore exclusively your responsibility. However, should a case of liability come into question, it will be limited to all damages in the value of the product which we delivered and you used. By all means, we do warrant the impeccable quality of our products in accordance with our general sales and delivery conditions.