

# FPM 50 / 80-01-50000

50 ShA / bisphenolic crosslinked / black

- Fluorinated rubber
- Type A (approx. 66% fluorine)
- Standard material
- Very good temperature resistance, high chemical resistance.
- Excellent resistance to ozone, ageing and weathering.

Property	Value	Unit	DIN Standard
Hardness	50 ±5	Shore A	DIN ISO 7619-1
Density	1,83 ±0,03	g/cm <sup>3</sup>	DIN EN ISO 1183-1 A
Elongation at break	≥ 250	%	DIN 53504
Tensile strength	≥ 6	N/mm <sup>2</sup>	DIN 53504
Compression set 150°C/24h	max. 18	%	DIN ISO 815-1 B
Rebound resilience	7	%	DIN ISO 53512
Tear resistance	min. 5,0	N/mm	DIN ISO 34-1 B
min. operating temperature	-15	°C	constantly
max. operating temperature	+220	°C	constantly

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.

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