

FPM 50 / 80-01-50005

50 ShA / peroxide crosslinked / green

- Fluorinated rubber
- Type G (approx. 64% fluorine)
- Base material, modified for low temperature.
- 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	1,88 ±0,03	g/cm ³	DIN EN ISO 1183-1
Elongation at break	293	%	DIN 53504
Tensile strength	7,9	N/mm ²	DIN 53504
Compression set 150°C/24h	7	%	DIN ISO 815-1 B
Rebound resilience	25	%	DIN ISO 53512
Tear resistance	3,9	N/mm	DIN ISO 34-1 A
Tear resistance	7	N/mm	DIN ISO 34-1 B
min. operating temperature	-15	°C	constantly
min. operating temperature	-35	°C	static
max. operating temperature	+200	°C	constantly
max. operating temperature short	+230	°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.

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