

FPM 75 / 80-01-75006

75 ShA / peroxide crosslinked / black

- Fluorinated rubber
- Copolymer of tetrapolymer (about 71% fluorine)
- Very good temperature resistance, high chemical resistance.
- Excellent resistance to ozone, ageing and weathering.

Property	Value	Unit	DIN Standard
Hardness	75 ±5	Shore A	DIN ISO 7619-1
Density	1,88	g/cm ³	DIN EN ISO 1183-1
Tensile strength at 100% elongation	2,9	N/mm ²	DIN 53504
Tensile strength at 300% elongation	12,4	N/mm ²	DIN 53504
Elongation at break	437	%	DIN 53504
Tensile strength	20,8	N/mm ²	DIN 53504
Compression set 175°C/24h	49,6	%	DIN ISO 815-1 B
Cold behaviour DSC	-8	°C	VDA 675116
Rebound resilience	5	%	DIN ISO 53512
Tear resistance	6,1	N/mm	DIN ISO 34-1 A
Abrasion	79	mm ³	DIN ISO 4649 B
min. operating temperature statisch	-30	°C	in air
min. operating temperature dynamisch	-5	°C	in air
max. operating temperature	+200	°C	constantly
max. operating temperature	+280	°C	temporarily

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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