

MFQ 70 / 80-07-V700

70 ShA / peroxide crosslinked / blue

- Fluorosilicone rubber
- Standard material
- Excellent heat resistance and extreme cold resistance.
- Very good resistance to oxygen, ozone, UV rays and weather conditions.
- High resistance to aromatic mineral oils, fuels and low molecular aromatic hydrocarbons.

Property	Value	Unit	DIN Standard
Hardness	70 ±5	Shore A	DIN ISO 7619-1
Density	1,46 ±0,02	g/cm ³	DIN EN ISO 1183-1
Tensile strength at 100% elongation	3,2	N/mm ²	DIN 53504
Tensile strength at 200% elongation	6,7	N/mm ²	DIN 53504
Elongation at break	≥ 150	%	DIN 53504
Tensile strength	≥ 5	N/mm ²	DIN 53504
Compression set 175°C/22h	≤ 25	%	DIN ISO 815-1 B
Rebound resilience	28	%	DIN ISO 53512
Tear resistance	7,5	N/mm	DIN ISO 34-1 A
Tear resistance	8,4	N/mm	DIN ISO 34-1 B
min. operating temperature	-40	°C	static
max. operating temperature	+210	°C	constantly
max. operating temperature short	+225	°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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