

MFQ 60 / 80-07-V6002

60 ShA / peroxide crosslinked / red brown

- 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	60 ±5	Shore A	DIN ISO 7619-1
Density	1,46 ±0,03	g/cm ³	DIN EN ISO 1183-1 A
Tensile strength at 100% elongation	2,91	N/mm ²	DIN 53504
Tensile strength at 200% elongation	5,40	N/mm ²	DIN 53504
Elongation at break	278	%	DIN 53504
Tensile strength	7,9	N/mm ²	DIN 53504
Compression set 175°C/22h	10	%	DIN ISO 815-1 B
Rebound resilience	38	%	DIN ISO 53512
Tear resistance	–	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	+250	°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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