

FVMQ standard

Fluor-Methyl-Vinyl-Silicone-rubber, tomato red, similar RAL 3013

- FVMQ for standard applications
- resistant to mineral oils, HDF-U, as well as cold water
- Applicable for static seals and limited as rod- and piston seals, wiper and rotary seals

Properties	Value	Unit	DIN Standard
Hardness	90 ± 5	Shore A	DIN ISO 7619-1
Density	1,580	g/cm ³	DIN EN ISO 1183-1
100% Modulus	5,3	MPa	DIN 53504
Elongation at break	160	%	DIN 53504
Tensile strength	6,6	MPa	DIN 53504
Compression set	23°C/70h	%	DIN ISO 815-1
Compression set	70°C/22h	%	DIN ISO 815-1
Compression set	175°C/22h	18,1	DIN ISO 815-1
Rebound resilience	32	%	DIN ISO 4662:2017
Tear resistance	25,4	N/mm	DIN ISO 34-1 A
Abrasion resistance		mm ³	DIN ISO 4649 B
min. Service temperature	- 55	°C	
max. Service temperature	+230	°C	

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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