

MVQ diet

Methyl-vinyl-silicone-rubber

Standard colour: blue, similar RAL 5024

- Food-compliant MVQ
- Resistant to mineral oil, HFD-U and cold water
- Applicable for Rod and Piston Seals, Wiper Seals and Static Seals

Properties	Value	Unit	DIN Standard
Hardness	84 ± 5	Shore A	DIN 53505
Density	1,503	g/cm ³	DIN EN ISO 1183-1
Compression set 22°C/72h		%	DIN ISO 815-1
Compression set 70°C/24h		%	DIN ISO 815-1
Compression set 175°C/24h	33,7	%	DIN ISO 815-1
Elongation at break	192	%	DIN 53504
Tensile strength	6,4	MPa	DIN 53504
100% modulus	5,3	MPa	DIN 53504
Rebound resilience	51	%	DIN 53512
Abrasion	108	mm ³	DIN 53516
Tear strength	10,2	N/mm	DIN 53515
min. service temperature	- 50	°C	
max. service temperature	+210	°C	

All above stated data results from random tests which were taken from the ongoing production. All data was established based on standard test-products according to ISO, DIN and ASTM standards and can basically not be carried over to the completed seal.

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