



Material data sheet

MVQ (Silicone)-blue

Vinyl Methyl Silicone Rubber

Very good resistance to weathering, ozone and aging resistant to: acids, lyes and mineral oils

Properties	Condition	Standard	Unit			
Colour			blue			
Hardness	23°C	ISO 868	Shore A	85+/-5	Shore A	85+/-5
Modulus 100%	23°C	DIN 53 504	MPa	4	Psi	405
Tensile strength	23°C	DIN 53 504	MPa	7	Psi	710
Elongation at break	23°C	DIN 53 504	%	120	%	120
Tear strength	23°C	DIN ISO 34-1 Methode B	kN/m	15	Lbf/inch	85
Spec. Gravity	23°C	ISO 1183	kg/m³	1580	g/cm³	1,58
Rebound elasticity	23°C	DIN 53 512	%	35	%	≥35
Abrasion	23°C	DIN 53 516	mm³		mm³	
Compression set	*	ISO 815	%	8	%	8
Compression set	**	ISO 815	%	9	%	9
Compression set	***	ISO 815	%		%	
Minimum service temperature			°C	-60	°F	-76
Maximum service temperature			°C	200	°F	392
Temp maximum water steam			°C		°F	
Temp maximum hot air			°C	300 short	°F	572 short
*24h 70°C 25% deflection	**24h 100°C 25% deflection			***24h 175°C 25% deflection		

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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