

## DMH 340 MVQ Vinyl methyl silicone rubber

### Mechanical, Physical and Thermal Properties

properties	condition	standard	unit	unit	unit
colour				blue	blue
hardness	23°C	ISO 868	Shore A	85 ± 5	Shore A 85 ± 5
modulus 100%	23°C	DIN 53 504	MPa	≥ 4	psi ≥ 580
tensile strength	23°C	DIN 53 504	MPa	≥ 7	psi ≥ 1015
elongation at break	23°C	DIN 53 504	%	120	% 120
tear strength	23°C	DIN ISO 34-1	kN/m	≥ 15	lbf/inch ≥ 85
spec. gravity	23°C	ISO 1183	kg/m <sup>3</sup>	1580	g/cm <sup>3</sup> 1,58
rebound elasticity	23°C	DIN 53 512	%	35	% 35
abrasion	23°C	DIN 53 516	mm <sup>3</sup>		mm <sup>3</sup>
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. max water/steam			°C		°F
temp. max hot air, short			°C	300	°F 572

\* 24h 70°C 25% def.

\*\* 24h 100°C 25% def.

\*\*\* 24h 150°C 25% def.

### Chemical Properties

Copolymer, based on methyl, vinyl and silicone

Resistant to: hot air, ozone, hot water and acetic acid

Not resistant to: aliphatic and aromatic hydrocarbons and esters

Detailed information concerning chemical resistance see DMH Chemical Resistance Guide

DMH GmbH

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