

Material name, short description	VMQ
Material name, based on technical standards	Vinyl methyl silicone elastomer
Material description / intended use	Silicone elastomer with good mechanical properties over a wide temperature range.
Color	natural (beige)
Compound code	VMQ foam 91-04
Crosslinking/curing agent	Peroxide
Remarks	Thermal conductivity 0.08 W/(m K)

Mechanical properties

Hardness nominal	8 ±5 Shore A DIN 53505
Density nominal	0.3 ±0.1 g/cm ³ DIN 53479
Elongation at break	250 % DIN 53504
Compression set	50 % DIN ISO 815 22 h, 175 °C

Thermal properties

Operating temperature min.*	-60 °C
Operating temperature max.*	200 °C

* Approximate value, dependent on the application

Approvals / Compliance

Specific substance statements	ADI free (free of Animal Derived Ingredients) resp. TSE/BSE related substances
-------------------------------	--



In compliance with **RoHS** and **REACH** directives.

This information is based on our available data. These values are measured on standard test specimens and are within the normal tolerance range of material properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. The customer is solely responsible for quality and suitability of material for his application. He has to test usage and processing prior to use. Angst+Pfister makes no guarantees for the suitability of the material for any given application and assumes no obligation or liability in connection with the information provided above.