

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	white
Compound code	VMQ foam 20-01

Mechanical properties

Density nominal	0.25 ±0.03 g/cm ³ BS EN ISO 845
Tensile strength	0.6 N/mm ² BS EN ISO 1798
Elongation at break	145 % BS EN ISO 1798
Compression set	12 % BS EN ISO 1856-A 22 h, 70 °C
	14.5 % BS EN ISO 1856-A 22 h, 100 °C

Thermal properties

Operating temperature min.*	-60 °C
Operating temperature max.*	230 °C
Operating temperature max. short term*	250 °C

* Approximate value, dependent on the application

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.