

VMQ 80.501-01

Sealing Technology Technical Data Sheet

General compound description

Material name, short description	VMQ
Material name, based on technical standards	Vinyl methyl silicone elastomer
Compound Code	VMQ 80.501-01
Material description / intended use	Silicone elastomer with good mechanical properties over a wide temperature range.
Crosslinking agent	platinum
Color	transparent

Mechanical properties

Density	1.2 g/cm ³ ± 0.02 ASTM D 297
Hardness	80 Shore A ± 5 ASTM D 2240
Tensile strength	8.5 MPa ASTM D 412
Elongation at rupture	480 % ASTM D 412
Tear resistance	23 N/mm ASTM D 624-B

Thermal properties

Min. operating temperature	-50 °C
Max. operating temperature	200 °C