

# Material Data Sheet

# FEP- VMQ

**Description:** This data sheet is valid for O-rings which are produced by two parts . There is an Silikon O-ring-core and an encapsulation of FEP. The temperature range is from - 60°C to + 205°C.

colour	red / translucence		
--------	--------------------	--	--

## Typical physical properties:

properties	Typical value	test method
hardness (Shore A)	75	ASTM D 2240
elongation (%)	>120	ASTM D 412
Tensile strength (MPa)	>10	ASTM D 412
Compression set in airt, 24 h, 200°C (%)	< 65	ASTM D 395 B

The properties given on this data sheet is derived from tests carried out by our production lab. They should not be regarded as specifications, but only as typical properties of the material described. It is intended for use by persons having technical skills and understanding of the seal and gasket design. Since the conditions of use are outside our control, nor have we designed the product shape, we can make no warranties, express or implied and assume no liability in connection with any use of this information.

Note: These physical datas have been determined on VMQ-O-rings; The compression set has been determined on the full encapsulated o-ring.

## Approvals:

Encapsulated O-rings with FKM insert are konform according FDA 21.CFR 177.1550

Weitere Informationen auf Anfrage.

Data sheet number	pages	Issue date	Issue number	Issued by
WD173	1	13.04.2021	1	SJK