

02-70-0086**MVQ –Silicone Rubber Standard****Description**

- This is a vinyl methyl silicone rubber (MVQ)

Property

- Vulcanisations of silicone have a resistance to cold up to approx. -60 °C
- Low temperature flexibility is not due to the addition of special plasticizers but is an intrinsic property of the polymer

Typical applications

- Suitable for food use
- Physiologically safe
- Resistant to X-rays
- Hot gases

Further information

- Excellent resistance to ozone, aging and weather
- Excellent electrical isolator
- Not resistant against aromatic mineral oils, fuels, silicone oil and greases
- Please test the suitability of the material by means of the list of chemical resistances

Conformity

- ADI-free
- REACH-compliant
- RoHS-compliant



Technical specifications			
			[Value]
Color			red or translucent
Specific gravity	DIN 53479	[g/cm ³]	1.25
Hardness	DIN 53519	[Shore A]	70 ±5
Tensile strength	DIN 53504	[MPa]	4 - 10
Elongation at tear	DIN 53504	[%]	100 - 600
Compression set	DIN 53517		
During 22h and +100 °C	25% compression	[%]	20 - 50
Temperature			[°C] -60 - +200

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