

Technical Data Sheet

Phenyl Silicone (WCMPVMQ)

<u>CHEMICAL DESCRIPTION:</u>	Polydimethylsiloxane which contains phenyl side groups
<u>PROPERTIES</u>	
ASTM classification:	PVMQ
Typical applications:	Medical applications, sealing applications for aircraft
Advantages :	Excellent resistance to high and low temperatures
Disadvantages:	Poor tensile strength Poor resistance to some oils and non-polar solvents
Available hardness range (Sh. A):	20 - 85
Upper continuous service temp. (°C):	225
Min. temp. for sealing applications. (°C):	-70
Minimum non-brittle temp. (°C):	-80
Tensile strength (up to):	9 MPa
Elongation at break (up to):	500%

N.B. With all compounds, differing hardness's can affect final properties of the mix.

COMPOUND



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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