

## Technical Data Sheet

### Phenyl Silicone (WCMPVMQ)

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