

- IATF16949
- ISO9001
- ISO13485
- ISO14001
- ISO50001
- IIP (Investors in People)

INDUSTRIES AND APPLICATIONS



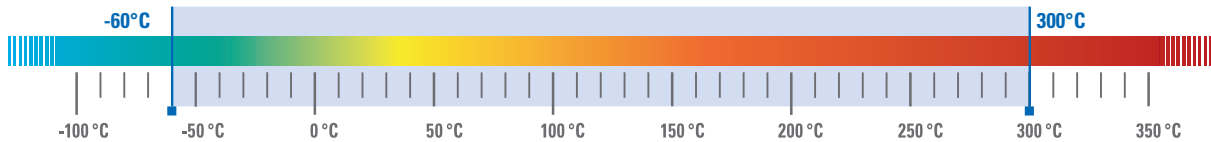
## Silicone VMQ S030 - S080 (300 °C)

### Key properties

- Closed-cell structural foam
- High Temperature resistant
- Temperature range -60 °C - 300 °C
- Resistant to UV and ozone (resistant to radiation and non-aging)
- Very good fire resistance
- No toxic combustion gases
- Free of plasticiser



### Application temperature



### Material Qualities

Property	Standard	S030 - 300	S040 - 300	S050 - 300	S060 - 300	S070 - 300	S080 - 300
Hardness [Shore A]	DIN 53505 DIN EN ISO 868	~ 8	~ 8-15	~ 15	~ 20	~ 25	~ 30
Density [g/cm³]	DIN 53479 ISO/R 1183	0.3±0.1	0.4±0.1	0.5±0.1	0.6±0.1	0.7±0.1	0.8±0.1
Elongation @ Break [%]	DIN 53504 ISO/DIS 37	150	150	200	200	250	250
Compression Set [%]	DIN ISO 815 (22h/175°C)	50	40	40	40	35	35
Burning behaviour [class]	UL94	HB self-classification	HB self-classification	HB self-classification	HB self-classification	HB self-classification	HB self-classification

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**BIW Isolierstoffe GmbH**

Pregelstraße 2-5  
 D-58256 Ennepetal  
 Tel.: +49 (2333) 8308-0  
 Fax.: +49 (2333) 8308-10  
 info@biw.de  
 www.biw.de

**Certified management system by:**

- IATF16949
- ISO9001
- ISO13485
- ISO14001
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**When it comes  
to competence**

TECHNICAL DATASHEET

## INDUSTRIES AND APPLICATIONS

**Silicone VMQ S030 - S080 (300 °C)****Material Qualities****Silicone VMQ S030 - S080 (300 °C)**

Property	Standard	S030 - 300	S040 - 300	S050 - 300	S060 - 300	S070 - 300	S080 - 300
Thermal Conductivity [W/(m K)]		0.08	0.1	0.12	0.13	0.15	0.18
Operation Temperature [°C]		-60 / +300	-60 / +300	-60 / +300	-60 / +300	-60 / +300	-60 / +300
Colour		Light ivory or grey blue	Light ivory or grey blue	Light ivory or grey blue	Light ivory or grey blue	Light ivory or grey blue	Light ivory or grey blue