

## Material test report Silicone 70

Colour Red

Property	Unit	Test method	Test parameter	Value
Hardness	IRHD	ASTM D 1415		70 ±5
Tensile strength	MPa	ASTM D 412		6,1
Ultimate elongation	%	ASTM D 412		261
Specific gravity	g/cm <sup>3</sup>	ASTM D 297		1,38 ±0.03
Compression set	%	ASTM D 395 B	22h / 175°C	15
Low temp. resistance	°C	ASTM D 1329	TR10	-42
Low temp. resistance	°C	ASTM D 2137	brittleness no cracks after 3 min. at	-55

### Changes of properties after ageing

Medium	Test method	Time	Temperature	Hardness	Tensile strength	Ultimate elongation	Volume
		H	°C	Points	%	%	%
Air	ASTM D 573	70	225	+2	-15	-24	
ASTM IRM oil 901	ASTM D 471	70	150	-6	+4	-10	+5
ASTM IRM oil 903	ASTM D 471	70	150	-16			+38

Material approvals

FDA-compliant, 21 CFR FDA § 177.2600, SGS test report 3067433-01

The above indicated data were determined to the best knowledge according to modern laboratory standards on standardised test specimen. If these data are compared with data which were determined on finished parts it may come to variations.