

MATERIAL TEST REPORT

Material Number: 1370-19002
Material Type: Silicone 70
Material 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 ³	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	No cracks after 3 min. at	-55

CHANGES OF PROPERTIES AFTER AGING:

MEDIUM	TEST METHOD	TIME H	TEMPRATURE °C	HARDNESS POINTS	TENSILE STRENGTH %	ULTIMATE ELONGATION %	VOLUME %
Air	ASTM D 573	70	225	+2	-15	-24	-
IRM oil 901	ASTM D 471	70	150	-6	+4	-10	+5
IRM oil 903	ASTM D 471	70	150	-16	-	-	+38

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