Material
70 VMQ S708F

Version	Released on
01	01.10.2021

General Data

Colour:	Red
Type of cross-linking:	Peroxidic

Physical Properties	**Nominal Range**	**Typical Value**	
Hardness ASTM D 2240, Shore A	70 ±5	75	Shore
Tensile strength ASTM D 412	>6	8.09	MPa
Elongation at break ASTM D 412	>125	225	%
Compression set ASTM D 395, B, 70 h, 150 °C	>25	8.1	%

Temperature Range

static:	-67 to 218 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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Tested after ASTM D 2000: M 7 GE 7 6 A19 EO16

ASTM Property		Nominal Range	Typical Value
Hardness	Shore	70 ±5	75
Tensile strength	MPa	min. 6	8.09
Elongation at break	%	min. 150	225
A19 Air 70.00h/225.00°C			
Elongation at break	%	-30	-40
Tensile strength	MPa	-25	2
Hardness	Shore	10	0
EO16 IRM 901 70.00h/150.00°C			
Elongation at break	%	-20	-11
Tensile strength	MPa	-20	11
Hardness	Shore	0 to -15	-3
Volume change	%	0 to 15	5
F19 3.00min/-55.00°C			
Low temperature resistance	°C	pass	pass

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