

Material

75 VMQ S755FMD

Version
01

Released on
22.03.2024

General Data

Colour: red
 Type of cross-linking: Peroxidic

Declaration of Compliance for - Food & Beverage is available upon request for selected articles. Please contact your known sales contact or send an email to info@fst.com.

Physical Properties	Nominal Range	Typical Value	
Density ASTM D297, 23 °C		1.34	g/cm ³
Hardness ASTM D2240, Shore A, 23 °C	75 ±5	76	Shore
Modulus 100 %, ASTM D412		3	MPa
Modulus 200 %, ASTM D412, 23 °C		5	MPa
Modulus 300 %, ASTM D412, 23 °C		7	MPa
Tensile strength ASTM D412	>3	8	MPa
Elongation at break ASTM D412	>75	339	%
Tear strength ASTM D624, C, 23 °C		0.0026	KN/m
Tear strength ASTM D624, B, 23 °C		0.0019	KN/m

Temperature Range

static: -55 to 200 °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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