

Material

70 VMQ SI701822

Revision Index
01

Revision Date
11.08.2023

General Data

Colour: auburn
 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 CNS 5341-96	1.32 ±0.03	1.32	g/cm ³
Hardness ASTM D 2240-15, Shore A	70 ±5	70	Shore
Modulus 100 %, ASTM D412-16		4.3	MPa
Tensile strength ASTM D 412-16	>5	6.4	MPa
Elongation at break ASTM D 412-16	>150	232	%
Tear strength ASTM D624, 23 °C, Verfahren A	>9	11.8	KN/m
Compression set ASTM D 395-18, Prüfkörper B, 22 h, 175 °C, plied	<30	19	%
Low temperature resistance ASTM D2137-11, Brittleness		-55	°C

Temperature Range

static: -55 to 200 °C

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.

Print date: 29.04.2025