

Material

70 VMQ 117055

transparent

cross linking: peroxidic

revision index	revision date	page	1 / 3
7	2/1/2008		

Physical properties	nominal range	typical values	
Density DIN EN ISO 1183-1	1.18 ±0.02	1.18	g/cm ³
Hardness DIN ISO 7619-1	70 ±5	71	Shore
Rebound resilience DIN 53512	---	32	%
Modulus 100 %, DIN 53504, S2	---	---	MPa
Tensile strength DIN 53504, S2	> 7	9.8	MPa
Elongation at break DIN 53504, S2	> 350	470	%
Compression set DIN ISO 815, 22 h, 175 °C	< 30	21	%
Temperature range	-50°C to 200°C		

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
(EG) 1935/2004	EU		food		<input checked="" type="checkbox"/>
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)		<input checked="" type="checkbox"/>
3-A Sanitary	USA	Seals	Class I	12 / 2022	<input type="checkbox"/>
ADI Free			see certificate		<input checked="" type="checkbox"/>
BfR XV	D	Seals	XV. recommendation		<input checked="" type="checkbox"/>
BfR XV	DE		BfR XV		<input checked="" type="checkbox"/>
BPA/Phthalate free			BPA/Phthalate free		<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>
GB 4806 / 9685	CN		GB 4806.11		<input checked="" type="checkbox"/>
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>
USP Chapter 87 (In vitro)	USA	Seals			<input checked="" type="checkbox"/>
USP Class VI Ch. 88 -	USA	Seals			<input checked="" type="checkbox"/>

Freudenberg

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revision index
7

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page 2 / 3

Country Part

Remark

Expires unlimited

121 °C

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revision index

7

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page 3 / 3

No ASTM D2000 properties available

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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