

Material

95 AU 21420

red

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Physical properties

	nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.20 ±0.02	---	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	95 ±2	---	Shore
Hardness DIN ISO 7619-1, Shore D, 23 °C	48 ±3	---	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	---	15	MPa
Modulus 300 %, DIN 53504, S2, 23 °C	---	28	MPa
Tensile strength DIN 53504, S2, 23 °C	---	50	MPa
Elongation at break DIN 53504, S2, 23 °C	---	350	%
Tear strength DIN 53507, A, 23 °C	---	110	KN/m
Compression set DIN ISO 815, Slab B, 24 h, 70 °C, 25 %	---	27	%
Compression set DIN ISO 815, Slab B, 24 h, 100 °C, 25 %	---	33	%

Temperature range

-20°C to 110°C

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

	Country	Part	Remark	Expires
(EG) 10/2011	EU		food	see DoC
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)	see DoC
ADI Free			see certificate	see DoC
CMR Category 1A/1B free			see certificate	see DoC

Freudenberg

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Country Part

Remark

Expires

Info ROHS and ELV

EU 2000/53 (ELV) including EU 2011/65 and
EU2015/863 (ROHS III)

see DoC

Nano-free

see certificate

see DoC

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No ASTM D2000 properties available

The material fulfills the requirements of FDA according to the FCN 735 and meets class II resistance requirements of 3-A Sanitary.

The operational conditions are defined according "Food Types & Conditions of use for Food Contact Substance" §176.170 Table 2 from B to H of FDA.

The material is suitable for repeated use in all dry, aqueous and acidic foods, except alcoholic foods.

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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