

Technical data sheet in accordance with ASTM

Material

80 EPDM E454

cross linking: peroxidic

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Physical properties

	nominal range	typical values	
Density ASTM D297	---	1.19	g/cm ³
Hardness ASTM D2240, Shore A	80 ±5	84	Shore
Modulus 100 %, ASTM D412, C	> 5	9.5	MPa
Modulus 100 %, ASTM D412, C	> 800	1378	Psi
Tensile strength ASTM D412, C	> 9	19.1	MPa
Tensile strength ASTM D412, C	> 1400	2775	Psi
Elongation at break ASTM D412, C	> 125	151	%
Compression set ASTM D395, Slab B, 22 h, 121 °C, 25 %, AS330	< 30	4	%
Low temperature test ASTM D1329, TR10	< -45	-55	°C
Low temperature test ASTM D1329, TR10	< -50	-67	°F

Declarations of conformity
No data found!

Freudenberg

Freudenberg FST GmbH
Technology&Innovation
Material Compliance
Telefon: -
Fax: -
Email: MaterialCompliance@fst.com

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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 manufactories 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 provisons do not plan for something else.

Freudenberg

Freudenberg FST GmbH

Technology&Innovation

Material Compliance

Telefon: -

Fax: -

Email: MaterialCompliance@fst.com