FREUDENBERG
SEALING TECHNOLOGIES

Technical data sheet in accordance with ASTM

Material
80 FKM V801MBR

brown

cross linking: bisphenolically

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Physical properties	nominal range	typical values	
Density ASTM D297, 23 °C	---	---	g/cm³
Hardness ASTM D2240, Shore A, 23 °C	80 ±5	80	Shore
Tensile strength ASTM D412, C, 23 °C	> 10	12.4	MPa
Elongation at break ASTM D412, C, 23 °C	> 150	206	%

Declarations of conformity
No data found!

Freudenberg

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Tested after ASTM D 2000: M 2 HK 810 A1-10 EO78

			nominal range
	Hardness	Shore	80 ±5
	Tensile strength	MPa	min. 10
	Elongation at break	%	min. 150
A1-10	**Change after aging in Air 70h/250°C**		
	Hardness	Shore A	10
	Tensile strength	%	-25
	Elongation at break	%	-25
EO78	**Change after aging in Fluid No. 101 70h/200°C**		
	Hardness	Shore	-15 to 5
	Tensile strength	%	-40
	Elongation at break	%	-20
	Volume	%	0 to 15

The given values are based on a limited number of tests on standard test pieces (2mm sheets). 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.

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