FREUDENBERG
SEALING TECHNOLOGIES

Material
60 FVMQ 288156
red

cross linking: peroxidic

revision index	revision date		
2	6/15/2016	page	1 / 2

Physical properties		nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C		1.46 ±0.02	1.46	g/cm³
Hardness DIN ISO 7619-1, Shore A, 23 °C		60 ±5	64	Shore
Tensile strength DIN 53504, S2, 23 °C		> 8	8.9	MPa
Elongation at break DIN 53504, S2, 23 °C		> 250	320	%
Compression set DIN ISO 815, Slab B, 22 h, 175 °C, 25 %		< 35	26	%
Temperature range	-80°C to 200°C			

Declarations of conformity
No data found!

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

Material
60 FVMQ 288156
red

cross linking: peroxidic

revision index	revision date		
2	6/15/2016	**page**	2 / 2

Tested after ASTM D 2000: M 2 FK 606 A19 EF31 EO36 F19

			nominal range	typical values
	Hardness	Shore	60 ±5	64
	Tensile strength	MPa	min. 6	8.9
	Elongation at break	%	min. 150	320
A19	**Change after aging in Air 70h/225°C**			
	Hardness	Shore	15	3
	Tensile strength	%	-45	-31
	Elongation at break	%	-45	-34
EF31	**Change after aging in Fuel C 70h/23°C**			
	Hardness	Shore	0 to -15	-11
	Tensile strength	%	-60	-37
	Elongation at break	%	-50	-38
	Volume	%	0 to 25	18
EO36	**Change after aging in IRM 903 70h/150°C**			
	Hardness	Shore	0 to -10	-4
	Tensile strength	%	-35	-26
	Elongation at break	%	-30	-25
	Volume	%	0 to 10	4
F19	**Low-temperature resistance after 3 min at -55 °C 3min./-55°C**		pass	pass

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