

TECHNICAL DATA SHEET

FKM

1405

DESCRIPTION

- Viton® FKM with excellent chemical resistance and temperature resistance up to 250°C.

FEATURES

- Viton® fluoroelastomer rubber sheet with excellent chemical and high temperature resistance.






APPLICATIONS

- Chemical, acids, hydrocarbons attack and high temperature demand applications up to 205°C continuous and picks up to 250°C.
- Excellent gas impermeability and ozone resistance

TECHNICAL PROPERTIES

	VALUE	UNIT	STANDARD
SPECIFIC WEIGHT	1,84 +/- 0,03	g/cm ³	UNE 53526
HARDNESS	70 +/- 5	°Sh A	DIN ISO 7619-1
TENSILE STRENGTH	6 min	MPa	UNE-ISO 37
ELONGATION	200 min	%	UNE-ISO 37
COMPRESSION SET (22h, 175°C)	50 Mean values	%	UNE-ISO 815-1
AGEING HARDNESS (70h, 150°C)	+11 Mean values	°Sh A	UNE-EN ISO 868
AGEING TENSILE STRENGTH (70h, 150°C)	+18 Mean values	%	UNE-ISO 37
AGEING ELONGATION (70h, 150°C)	+43 Mean values	%	UNE-ISO 37
OIL SWEL ASTM 1 (70h, 150°C)	+1 Mean values	%	UNE-ISO 1817
OIL SWEL IRM 903 (70h, 150°C)	+5 Mean values	%	UNE-ISO 1817
WORKING TEMPERATURE	-20/+205	°C	

CHEMICAL RESISTANCE

OZONE RESISTANCE	EXCELLENT	
WEATHER RESISTANCE	EXCELLENT	
OIL RESISTANCE	EXCELLENT	
ACID RESISTANCE	EXCELLENT	
BASE RESISTANCE	EXCELLENT	

The technical information contained in this data sheet is the result of performing tests on laboratory samples according to the standards mentioned above. The customer is responsible for evaluating the suitability of the product according to their specific requirements. Values may be updated without prior notice.

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