

FPM Elastomere

General information

Designation	:	Fluorine rubber
Abbreviation	ISO 1629 :	FKM
Color	:	green
Flammability	UL94 :	accordingly V-2

Physical data

Density	ASTM D1817 :	2.17	g/cm ³	
Hardness	ASTM D2240 :	78	Sh A	
	ASTM D573	80	Sh A	70h / 250°C

Mechanical data

Tensile strength	ASTM D412 C :	13.5	N/mm ²	
	ASTM D573	8.5	N/mm ²	70h / 250°C
Elongation at break	ASTM D412 C :	165	%	
	ASTM D573	154	%	70h / 250°C
Compression set	ASTM D395 D :	22	%	70h / 200°C

Thermal data

Max. application temperature	:	+200	°C	continuously
	:	+250	°C	briefly <70h
Min. application temperature	:	-40	°C	

Chemical properties

Resistant against mineral oils, fuels, cool and cutting oils, aqueous solutions of inorganic salts, most acids and caustic solutions. Partly to not resistant against concentrated caustic solutions. Very well weather-, ozone- and heat resistant.

AGRO AG

Hunzenschwil, October 22. 2024

This table is arranged to our best knowledge and is to advise you without obligation. All values are approximate values and are based on tests done by our suppliers. Modifications remain reserving.