



FFKM 8263-202 70

Perfluoro elastomer

Standard Colour: **White**

Service temperature: -20°C to +270°C

8263-202, designed specifically for chemical process industry, Superior chemical resistance in chemicals, acids, bases, steam, organic and inorganic media, methanol, TBA and MBTE, esters and ethers. Low contamination by extractable substances in pharmaceutical and food handling applications.

8263-202 qualifications

- FDA CFR 21 177.2400
- According to USP class VI
- 3A Sanitary standard
- EC1935-2004
- D.M 21/03/1973

Physical properties	Unit	Test method	Test result
Hardness Shore A	Shore A	ASTM D2240	70
Tensile strength	MPa	ASTM D412	13
Elongation	%	ASTM D412	130
Specific gravity	g/cm ³	ASTM D1817	2.41
Low temperature resistance	°C	ASTM D1329	-2

Changes to properties after ageing acc. To ASTM D471 and ASTM D573

Test parameter medium	Hardness %	Tensile strength %	Elongation %	Volume %
Air				
70hrs at 250°C	-1.5	+5	+15	
NaOH				
100 hrs at 72°C	-4			+5
Anhydrous Ammonia				
168hrs at 45°C	+8			-1.5
Acetone				
168hrs at 23°C	-2			+4
MIBK				
168hrs at 115°C				+6
Hot water				
168hrs at 150°C	-2			+2

The results displayed in this data sheet were obtained on standard test specimens following standard test procedures. Comparisons with results obtained on finished products, e.g. O-Rings, could lead to other results due to differences in geometry and manufacturing processes. These other results do therefore not automatically contravene the data of this sheet. The evaluation of parts prior to their use in order to ensure their suitability for the intended application is subject to the end user's responsibility.