

MATERIAL DATASHEET

20-70-0012

FFPM - Perfluoro rubber

Creator:

PFR

Date of creation:

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22.03.2024

Description

The polymer chain of perfluoro rubber FFPM consists almost exclusively of carbon and fluorine atoms. The molded parts from which this material is vulcanized exhibit high thermal stability and excellent resistance to almost all chemical categories such as polar solvents (ketones, esters, ethers), aliphatic, aromatic and chlorinated hydrocarbons, organic and inorganic acids and bases, steam, chlorine, sour gas (mixture of H_2S , H_2O , CO_2 , and CH_4), Skydrol 500, etc. The material has excellent resistance to oxygen, ozone, weathering and ageing. In terms of fire behavior, this material has very high flame resistance.

Properties

- Good mechanical and physical properties
- Excellent chemical resistance
- Very good high temperature resistance

Typical applications

- Chemical and pharmaceutical process industry

Further information

- ❑ Cold flexibility down to -35°C
- ❑ Excellent resistance to hot water and steam

Conformities

- ☐ FDA konform 21 CFR § 177.2400
- ☐ EU No. 1935/2004
- ☐ ADI-free

Technical data

[illegible]

Reference to the author/disclaimer

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