

Technical Data Sheet

Tetrafluoroethylene- propylene copolymer (WCMFEPM C)

CHEMICAL DESCRIPTION: Fluorocarbon copolymer of tetrafluoroethylene and propylene.

PROPERTIES

ASTM classification:	FEPM
Typical applications:	O-rings, seals, gaskets in oilfield applications and the chemical industry, cable insulating and jacketing for high-temperature applications
Advantages:	Excellent high temperature resistance Good resistance to oils and most non-polar solvents Excellent ozone and weathering resistance Excellent steam resistance
Disadvantages:	Poor low temperature performance
Available hardness range (Sh. A):	70 - 95
Upper continuous service temp. (°C):	300
Min. temp. for sealing applications. (°C):	0
Minimum non-brittle temp. (°C):	0
Tensile strength (up to):	25 MPa
Elongation at break (up to):	250%

N.B. With all compounds, differing hardness's can affect final properties of the mix.

COMPOUND



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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