

## Technical Data Sheet

### Tetrafluoroethylene- propylene copolymer (WCMFEPM C)

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