



# Technical Data Sheet

## Perfluoroelastomer (WCMFFKM)

### CHEMICAL DESCRIPTION:

Perfluoroelastomers are fully-fluorinated fluorocarbon polymers which have elastomeric characteristics.

### PROPERTIES

ASTM classification:

FFKM

Typical applications:

Chemical processing equipment, jet engines, semiconductor chip manufacturing

Advantages :

Outstanding high temperature and chemical resistance  
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):

320

Min. temp. for sealing applications. (°C):

-20

Minimum non-brittle temp. (°C):

-30

Tensile strength (up to):

15 MPa

Elongation at break (up to):

320%

**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.

[www.epdm.co.uk](http://www.epdm.co.uk)

E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)

### Contact

Telephone: +44 (0)1625 573971

FAX: +44 (0)1625 573250

Munsch & Co/PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom