

Technical Data Sheet

Fluoroelastomer terpolymer of tetrafluoroethylene, propylene & vinylidene fluoride(WCMFKM4)

CHEMICAL DESCRIPTION:

Bisphenol-cured fluoroelastomer terpolymer of tetrafluoroethylene, propylene & vinylidene fluoride

PROPERTIES

ASTM classification:

FKM Type 4

Typical applications:

Not widely used; some use for specialist automotive parts

Advantages :

Excellent high temperature resistance
Good resistance to oils and most non-polar solvents
Excellent ozone and weathering resistance

Disadvantages:

Limited steam resistance
Poor low temperature resistance

Available hardness range (Sh. A):

60 - 95

Upper continuous service temp. (°C):

250

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

-5

Minimum non-brittle temp. (°C):

-10

Tensile strength (up to):

18 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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