

Technical Data Sheet

Fluoroelastomer terpolymer containing fluorinated vinyl ether(WCMFKM3)

CHEMICAL DESCRIPTION:

Type 3 FKM are peroxide-cured fluorocarbon polymers designed for use in low temperature applications

PROPERTIES

ASTM classification:

FKM Type 3

Typical applications:

Seals and gaskets for chemical processing, power and utilities subjected to lower temperature conditions.

Advantages:

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

Disadvantages:

Limited steam resistance
Moderate methanol resistance

Available hardness range (Sh. A):

60 - 95

Upper continuous service temp. (°C):

250

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

-25

Minimum non-brittle temp. (°C)

-40

Tensile strength (up to):

20 MPa

Elongation at break (up to):

300%

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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