

Technical Data Sheet

Fluoroelastomer pentamer containing tetrafluoroethylene & fluorinated vinyl ether(WCMFKM5)

CHEMICAL DESCRIPTION:

Type 5 FKM are fluorocarbon pentapolymers which show improved base resistance compared to most other fluorocarbon polymer types

PROPERTIES

ASTM classification:

FKM Type 5

Typical applications:

Automotive applications where high pH conditions are expected

Advantages:

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

Disadvantages:

Poor steam resistance

Available hardness range (Sh. A):

60 - 95

Upper continuous service temp. (°C):

250

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

-10

Minimum non-brittle temp. (°C)

-15

Tensile strength (up to):

20 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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