

Technical Data Sheet

Ethylene Propylene Diene Rubber (WCMEPDM)

CHEMICAL DESCRIPTION:

Copolymer of ethylene and propylene (EPM) or terpolymer of ethylene, propylene and a diene cure site monomer (EPDM)

PROPERTIES:

ASTM classification:

EP(D)M

Typical applications:

O-rings, seals and components for potable water seals, taps etc., brake systems, automotive cooling systems, nuclear cooling systems, outdoor exposure applications

Advantages :

Excellent steam resistance
Good ozone and weathering resistance
Good low temperature flexibility
WRAS approved grades for potable drinking water applications

Disadvantages:

Poor resistance to oils and non-polar solvents

Available hardness range (Sh. A):

25 - 95

Upper continuous service temp. (°C):

150

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

-55

Minimum non-brittle temp. (°C):

-70

Tensile strength (up to):

23 MPa

Elongation at break (up to):

450%

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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