

Technical Data Sheet

Epichlorohydrin Rubber (WCMECO)

CHEMICAL DESCRIPTION:

Polymers based on polyepichlorohydrin which may also contain ethylene oxide and allyl glycidyl ether.

PROPERTIES

ASTM classification:

CO, ECO

Typical applications:

Seals, gaskets, diaphragms, cable jackets and belting

Advantages:

Excellent ozone resistance
Good resistance to oils
Fire resistance

Disadvantages:

Poor resistance to some non-polar solvents
Poor steam resistance

Available hardness range (Sh. A):

40 - 90

Upper continuous service temp. (°C):

125

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

-35

Minimum non-brittle temp. (°C):

-45

Tensile strength (up to):

20 MPa

Elongation at break (up to):

400%

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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