

Technical Data Sheet

Chlorosulphonated polyethylene Rubber (WCMCSM)

CHEMICAL DESCRIPTION:

Chlorosulphonated Polyethylene, commonly referred to under DuPont's previous trade name, Hypalon.

PROPERTIES:

ASTM classification:

CSM

Typical applications:

Automotive hoses, electric cable jacketing, machine parts, flexible tubes, rolls and linings

Advantages:

Excellent ozone and weathering resistance
Good resistance to oils
Good fire resistance

Disadvantages:

Poor resistance to some non-polar solvents
Poor steam resistance

Available hardness range (Sh. A):

30 - 90

Upper continuous service temp. (°C):

125

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

-25

Minimum non-brittle temp. (°C):

-40

Tensile strength (up to):

23 MPa

Elongation at break (up to):

350%

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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