

## 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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