

Technical Data Sheet

Bromobutyl Rubber (WCMBIIR)

CHEMICAL DESCRIPTION:

Derivative of butyl rubber which has been reacted with bromine in a continuous process

PROPERTIES

ASTM classification:

BIIR

Typical applications:

Inner tyre tubes, breathing apparatus for defence and fire services

Advantages :

Low gas permeability
Excellent ozone resistance
Good steam resistance
Good fire resistance

Disadvantages:

Poor resistance to oils and non-polar solvents

Available hardness range (Sh. A):

35 - 90

Upper continuous service temp. (°C):

130

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

-50

Minimum non-brittle temp. (°C):

-70

Tensile strength (up to):

18 MPa

Elongation at break (up to):

650%

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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