

Technical Data Sheet

Styrene-Butadiene Rubber (WCMSBR)

CHEMICAL DESCRIPTION: Copolymer of styrene and butadiene

PROPERTIES

ASTM classification: SBR

Typical applications: Hydraulic brake systems seals and diaphragms, plumbing applications

Advantages: High tensile strength
Good resilience
High water resistance

Disadvantages: Poor resistance to oils and non-polar solvents
Poor steam resistance
Poor ozone and weathering resistance

Available hardness range (Sh. A): 40 - 95

Upper continuous service temp. (°C): 100

Min. temp. for sealing applications. (°C): -25

Minimum non-brittle temp. (°C): -50

Tensile strength (up to): 25 MPa

Elongation at break (up to): 500%

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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