

Technical Data Sheet

Nitrile Butadiene Rubber/PVC blend (WCMPVC/NBR)

CHEMICAL DESCRIPTION:

Blend of polyvinyl chloride and acrylonitrile butadiene rubber

PROPERTIES

ASTM classification:

NBR/PVC

Typical applications:

Oil resistant seals that may be exposed to daylight or other forms of radiation

Advantages:

Good resistance to oils
Improved ozone resistance over NBR

Disadvantages:

Poor weathering resistance
Poor steam resistance

Available hardness range (Sh. A):

40 - 95

Upper continuous service temp. (°C):

100

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

-20

Minimum non-brittle temp. (°C):

-30

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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