

Technical Data Sheet

Carboxylated Nitrile Butadiene Rubber (WCMXNBR)

CHEMICAL DESCRIPTION: Carboxylated Nitrile Butadiene Rubber

PROPERTIES

ASTM classification: XNBR

Typical applications: Oil resistant applications in automotive, marine and aircraft fuel systems where high strength and abrasion resistance is required.

Advantages : Good resistance to oils and non-polar solvents
Improved tear strength and abrasion resistance cf. NBR.

Disadvantages: Poor ozone and weathering resistance
Poor steam resistance

Available hardness range (Sh. A): 50 - 95

Upper continuous service temp. (°C): 125

Min. temp. for sealing applications. (°C): -15

Minimum non-brittle temp. (°C): -30

Tensile strength (up to): 25 MPa

Elongation at break (up to): 250%

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.

www.epdm.co.uk

E-Mail: Sales@epdm.co.uk

Contact

Telephone: +44 (0)1625 573971

FAX: +44(0)1625 573250

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom