

Technical Data Sheet

Blue Food Quality Nitrile Rubber WCMA38

CHEMICAL DESCRIPTION:

Acrylonitrile Butadiene, Nitrile Butadiene Rubber (NBR)

PHYSICAL PROPERTIES

TENSILE STRENGTH:

8 MPa

COMPRESSION SET:

35%

22 Hours @ 70°C

ELONGATION AT BREAK:

500%

ABRASION RESISTANCE:

305mm³

HARDNESS RANGE:

70° Sh. A +/- 5°

HEAT RESISTANCE:

-30° - +115°C

OZONE RESISTANCE:

Poor

TEAR STRENGTH:

25 Kg/Cm



CHEMICAL RESISTANCE

WATER:

Good to Excellent

DILUTE ACIDS & BASES:

Good

ALKALIS:

Good to Excellent

OZONE:

Poor

HYDROCARBONS:

Moderate

SOLVENTS:

Moderate

Blue rubbers for use within the food industry have increased in popularity over recent years as it is easier to spot leakages of white foodstuffs against a blue seal.

No rubber compound has formal FDA approval as only raw materials which are used to make a compound are given approval by the FDA. All the ingredients in this formulation have been checked against the latest update of the CFR21 FDA 177-2600 ingredient listings and are present at the level permitted. This grade also complies with EC1935/2004.



EC1935:2004



Complies with FDA Food Contact Regulation 21 CFR177-2600

ELASTOMERS



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
 Munsch & Co/PTM Ltd
 Units AG2/3 Clarence Mill
 Clarence Road, Bollington
 Macclesfield, Cheshire
 SK10 5JZ
 United Kingdom