

Technical Data Sheet

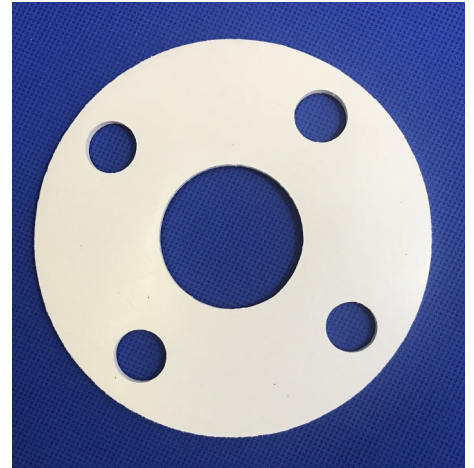
White Food Quality Nitrile Rubber WCMA42

CHEMICAL DESCRIPTION:

Acrylonitrile Butadiene, Nitrile Butadiene Rubber (NBR)

PHYSICAL PROPERTIES

TENSILE STRENGTH:	8 MPa
COMPRESSION SET: 22 Hours @ 70°C	35%
ELONGATION AT BREAK:	500%
ABRASION RESISTANCE:	305mm ³
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
OILS:	Good
OZONE:	Poor
HYDROCARBONS:	Moderate
SOLVENTS:	Moderate

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

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom