

Technical Data Sheet

Nitrile Rubber BS2751 BA60

CHEMICAL DESCRIPTION:

Acrylonitrile Butadiene, Nitrile Butadiene Rubber (NBR)

PHYSICAL PROPERTIES

TENSILE STRENGTH: 10 MPa (Min)
 ELONGATION AT BREAK: 350%
 HARDNESS RANGE: 60° Sh. A +/- 5°
 HEAT RESISTANCE: -30° - + 110°C
 SPECIFIC GRAVITY: 1.28 +/-0.02
 COMPRESSION SET: 30%
 22 Hours @ 70°C



CHEMICAL RESISTANCE

WATER: Good to Excellent
 DILUTE ACIDS & BASES: Good
 ALKALIS: Good to Excellent
 OZONE: Poor
 HYDROCARBONS: Moderate
 SOLVENTS: Moderate

VOLUME SWELLING:	ASTM 5 Inc. Vol Oil %	IRM903 Inc. Vol. Oil %
70 HOURS @ 70°C	5	20

This is a British Standard Nitrile Rubber to BS2751. Using a recognised standard ensures that the material will always comply to it no matter who the manufacturer is.

This ensures continuity of operation which can vary if non-standard materials are used.

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