

Technical Data Sheet

Natural Rubber (BS1154 Z70)

CHEMICAL DESCRIPTION: Polyisoprene

PHYSICAL PROPERTIES

TENSILE STRENGTH: 140 (MPa) Min.

SPECIFIC GRAVITY: 1.13

ELONGATION AT BREAK: 300% Min

COMPRESSION SET: 30% Max.

22 Hours @ 70° C

ABRASION RESISTANCE: Good

HARDNESS RANGE: 70° Sh. A (+ or - 5°)

TEMPERATURE RANGE: -40° - +80° C

OZONE RESISTANCE: Poor

RESILIENCE: Excellent

CHEMICAL RESISTANCE

WATER: Good to Excellent

ACIDS: Good

ALKALIS: Good

OILS: Poor

FUELS AND PETROLEUM SOLVENTS: Poor

KETONES: Fair

Recommended for low to medium cost products where good resilience and toughness are prime considerations. Not recommended where resistance to heat or oils is required.

This is a British Standard Nitrile Rubber to BS1154. 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

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom