

Technical Data Sheet

Natural Rubber (BS1154 Z50)

CHEMICAL DESCRIPTION:

Polyisoprene

PHYSICAL PROPERTIES

TENSILE STRENGTH:

17.0 (MPa) Min.

SPECIFIC GRAVITY:

1.10

ELONGATION AT BREAK:

500% Min

COMPRESSION SET:

30% Max.

22 Hours @ 70° C

ABRASION RESISTANCE:

Good

HARDNESS RANGE:

50° 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



ELASTOMERS

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.



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