

# Technical Data Sheet

## Natural Rubber (BS1154 Z60)

**CHEMICAL DESCRIPTION:**

Polyisoprene

**PHYSICAL PROPERTIES**

TENSILE STRENGTH:

17.0 (MPa) Min.

SPECIFIC GRAVITY:

1.12

ELONGATION AT BREAK:

400% Min

COMPRESSION SET:

30% Max.

22 Hours @ 70° C

ABRASION RESISTANCE:

Good

HARDNESS RANGE:

60° 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.

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