

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: 22 Hours @ 70° C	30% Max.
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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