

Technical Data Sheet

Natural Rubber (BS1154 Z40)

ELASTOMERS

<u>CHEMICAL DESCRIPTION:</u>	Polyisoprene
<u>PHYSICAL PROPERTIES</u>	
TENSILE STRENGTH:	19.0 (MPa) Min.
SPECIFIC GRAVITY:	1.02
ELONGATION AT BREAK:	600% Min
COMPRESSION SET: 22 Hours @ 70° C	30% Max.
ABRASION RESISTANCE:	Good
HARDNESS RANGE: 5°)	40° Sh. A (+ or -
TEMPERATURE RANGE:	-40° - +80° C
OZONE RESISTANCE:	Poor
RESILIENCE:	Excellent



<u>CHEMICAL RESISTANCE</u>	
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 Natural 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.

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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