

# Technical Data Sheet

## Butyl Rubber

**CHEMICAL DESCRIPTION:**

Copolymer of isobutylene and isoprene, IIR

**PHYSICAL PROPERTIES**

TENSILE STRENGTH:	8.0 (MPa)
SPECIFIC GRAVITY:	1.3
ELONGATION AT BREAK:	400% Min
ABRASION RESISTANCE:	Moderate
HARDNESS RANGE:	60° Sh. A (+ or - 5°)
TEMPERATURE RANGE:	-40° - +130° C
OZONE RESISTANCE:	Excellent
RESILIENCE:	Poor



**CHEMICAL RESISTANCE**

WATER:	Excellent
ACIDS:	Very Good
ALKALIS:	Excellent
OILS:	Poor
FUELS AND PETROLEUM SOLVENTS:	Poor
KETONES:	Good

Butyl Rubber is recommended for medium priced articles requiring good resistance to corrosive chemicals, heat resistance and excellent ageing properties. Butyl has a very low resilience which makes it ideal for vibration damping and shock absorption applications.

**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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