

Technical Data Sheet

Natural Rubber (Commercial)

CHEMICAL DESCRIPTION: Styrene-Butadiene Rubber, SBR

PHYSICAL PROPERTIES

TENSILE STRENGTH: 4.0 (MPa)
SPECIFIC GRAVITY: 1.55
ELONGATION AT BREAK: 300% Min
ABRASION RESISTANCE: Good
HARDNESS RANGE: 65° Sh. A (+ or - 5°)
TEMPERATURE RANGE: -40° - +70° C
OZONE RESISTANCE: Fair
RESILIENCE: Good

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.

To understand how in demand this grade is; over 40% of the world's Polyisoprene production ends up as SBR.



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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