

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

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.

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.

www.epdm.co.uk

E-Mail: Sales@epdm.co.uk

Contact

Telephone: +44 (0)1625 573971
 FAX: +44(0)1625 573250
 PTM Ltd
 Units AG2/3 Clarence Mill
 Clarence Road, Bollington
 Macclesfield, Cheshire
 SK10 5JZ
 United Kingdom