

Technical Data Sheet

Neoprene Rubber Insertion WCMC66

CHEMICAL DESCRIPTION: Polychloroprene, CR, Cotton Insertion

PHYSICAL PROPERTIES

TENSILE STRENGTH: 5 (MPa)
 COMPRESSION SET: 35%
 22 Hours @ 70° C
 SPECIFIC GRAVITY: 1.40
 ELONGATION AT BREAK: 300% Min
 ABRASION RESISTANCE: 290 mm³
 HARDNESS RANGE: 70° Sh. A (+ or - 5°)
 TEMPERATURE RANGE: -20° - +110° C
 OZONE RESISTANCE: Good



CHEMICAL RESISTANCE

WATER: Good especially Salt Water
 ACIDS: Fair – Suitable to PH 4 – Otherwise use a higher grade.
 ALKALIS: Fair to Good
 OILS: Good
 FUELS AND PETROLEUM SOLVENTS: Fair
 KETONES: Poor
 ACTIVE POLYMER CONTENT 30%

The tensile and tear strength figures mentioned above refer to the rubber element only and would be increased with the inclusion of an insertion. The degree of change would depend on the type of scrim used.

Recommended for medium cost products where moderate resistance to heat and oils is essential. The good ozone resistance of Neoprene ensures a long life in outdoor 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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