

Technical Data Sheet

Neoprene Rubber WCMC20

CHEMICAL DESCRIPTION: Polychloroprene, Chloroprene (CR)

PHYSICAL PROPERTIES

TENSILE STRENGTH: 6 MPa
 COMPRESSION SET: 35%
 ELONGATION AT BREAK: 300%
 ABRASION RESISTANCE: Good
 TEMPERATURE RANGE: -20° - +110°C
 OZONE RESISTANCE: Good
 HARDNESS RANGE: 70° Sh. A +/- 5 ° Sh.
 RESILIENCE: Fair



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%

Chloroprene is one of the original synthetic rubbers and it has the most balanced range of desirable properties. The chlorine atom gives it a good level of resistance to oils, which is somewhere between natural rubber and nitrile, and this mid-range is often sufficient for many general applications.

CR is resistant to many inorganic chemical products except oxidising acids and halogens.

It has moderate resistance to aliphatic hydrocarbons. (paraffin, grease, vegetable oils, animal fats etc.)

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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