

Technical Data Sheet

Neoprene Rubber NCB158

CHEMICAL DESCRIPTION:

Polychloroprene, Chloroprene (CR)

PHYSICAL PROPERTIES

TENSILE STRENGTH:

6.0 MPa (Min)

COMPRESSION SET:

35%

22 Hours @ 70°C

ELONGATION AT BREAK:

300%

ABRASION RESISTANCE:

Fair

HARDNESS RANGE:

70°Sh. A +/- 5 °

Sh.

TEMPERATURE RANGE:

-30° - +110°C

OZONE RESISTANCE:

Good

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



ELASTOMERS

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.)

This grade complies with National Coal Board Specification 158, Approval 2618 and is Anti-Static and Flameproof.

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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