

Technical Data Sheet

Neoprene Rubber NCB158

CHEMICAL DESCRIPTION:

Polychloroprene, Chloroprene (CR)

PHYSICAL PROPERTIES

TENSILE STRENGTH:	10 MPa (Min)
COMPRESSION SET:	40%
22 Hours @ 70°C	
ELONGATION AT BREAK:	300%
ABRASION RESISTANCE:	Fair
HARDNESS RANGE:	70° Sh. A +/- 5 °
Sh.	
TEMPERATURE RANGE:	-40° - +120° C
TEAR STRENGTH:	20 N/mm



CHEMICAL RESISTANCE

WATER:	Good especially Salt Water
OZONE RESISTANCE:	Good
ACIDS:	Fair – Suitable to PH 4 – Otherwise use a higher grade.
ALKALIS:	Fair to Good
OILS:	Good
FUELS AND PETROLEUM SOLVENTS:	Fair
KETONES:	Poor

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

FIRE RESISTANCE:	NF-F16101 Class M2
VOLUME RESISTIVITY:	$9.6 \times 10^{11} \Omega \times m$
VOLUME RESISTIVITY:	$3.3 \times 10^{11} \Omega \times m$
(After 70 h @ 100° C)	
SURFACE RESISTIVITY:	$5 \times 10^{12} \Omega$

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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