

DATA SHEET

NEOPRENO (CR)

It belongs to the family of synthetic rubbers, it is a polymer of chloroprene. It has good chemical stability and maintains flexibility in a wide temperature range.


It is used in a wide variety of applications, electrical insulation, liquids and elastomeric sheets or membranes, and automobile fan flashing and belts. Its chemical inertness makes it useful in applications such as sealants (or seals) and in hoses, as well as in corrosion resistant coatings.

GENERAL PROPERTIES

- It is resistant to inorganic chemicals except oxidizing acids and halogens.
- They have good adhesion to metal.
- Excellent mechanical and abrasion properties.
- Good resistance to heat and ozone.
- It does not resist most organic compounds, except alcohols.
- They are self-extinguishing, that is, they burn under the action of the flame, but do not spread combustion and extinguish as soon as the flame is removed.



TECHNICAL DATA:

	40°	50°	60°	70°	TEST
DENSITY (g/cm³)	1,35 ± 0,05	1,30 ± 0,05	1,50 ± 0,05	1,70 ± 0,05	ISO R1183
HARDNESS Shore A	40 (+/-5)	50 (+/-5)	60 (+/-5)	65 (+/-5)	ASTM D 2240
ELONGATION (%)	600	500	625	625	UNE ISO 37
TENSILE STRENGTH (N/cm²)	10	11	7	8	UNE ISO 37
TEMPERATURE MIN (°C)	-25	-25	-25	-25	
TEMPERATURE MAX (°C)	100	100	100	100	
COMPRESSION SET (%)	20	20	35	30	ASTM D 624A
COLOUR	● ○	●	● ○	●	
N. FIREPROOF AND FLAME RETARDANT				 EN-45545	

APPLICATIONS

Its application is ideal for sealing gaskets, conveyor belts, fireproof loading guides. It is also widely used in structural supports in buildings, bridges and overpasses, as well as exterior applications. Ideal in all those applications that require a rubber with good flammability properties.

