

Technical Data Sheet

Chlorosulphonated Polyethylene (WCM210)

ELASTOMERS

CHEMICAL DESCRIPTION:

Chlorosulphonated Polyethylene , CSM
Previously, commonly referred to as Hypalon

PHYSICAL PROPERTIES

TENSILE STRENGTH:	≥9.8 (MPa)
SPECIFIC GRAVITY:	1.4
ELONGATION AT BREAK:	≥350%
HARDNESS RANGE:	65° Sh. A (+ or - 5°)
TEMPERATURE RANGE:	-30° - +130° C
OZONE RESISTANCE:	Excellent
COMPRESSION SET:	≥40%
22 Hrs @ 70° C	



CHEMICAL RESISTANCE

WATER:	Good
ACIDS:	Excellent
ALKALIS:	Good
OILS & HYDROCARBONS:	Moderate
FUELS AND PETROLEUM SOLVENTS:	Fair
KETONES:	Poor

Recommended for sheet for resistance to heat and moderate resistance to oils.

Also recommended for applications that require good resistance to weathering. It is superior to Neoprene in this

respect and has an added advantage that it can be produced in stable light colours. Hypalon is more expensive than Neoprene.

It is often used where outstanding resistance to strong oxidising acids is required. One of the other benefits is that it is self extinguishing, flame retardant.



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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