

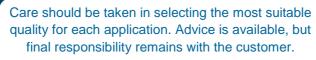
Technical Data Sheet

Chlorobutyl Rubber (WCMCIIR)

	CHEMICAL DESCRIPTION:	Derivative of butyl rubber which has been reacted with chlorine in a continuous process.
	PROPERTIES	
\mathbf{O}	ASTM classification:	CIIR
\mathbf{O}	Typical applications:	Inner tyre tubes, breathing apparatus for defence and fire services
COMPOUND	Advantages:	Low gas permeability Excellent ozone resistance Good steam resistance Good fire resistance
Ο	Disadvantages:	Poor resistance to oils and non-polar solvents
Č	Available hardness range (Sh. A):	35 - 90
	Upper continuous service temp. (℃):	130
	Min. temp. for sealing applications. (℃):	-50
	Minimum non-brittle temp. (℃):	-70
	Tensile strength (up to):	18 MPa
	Elongation at break (up to):	650%

N.B. With all compounds, differing hardness's can affect final properties of the mix.









www.epdm.co.uk

E-Mail: Sales@epdm.co.uk

Contact

Telephone: +44 (0)1625 573971 FAX: +44(0)1625 573250 PTM Ltd Units AG2/3 Clarence Mill Clarence Road, Bollington Macclesfield, Cheshire SK10 5JZ United Kingdom