

## **Technical Data Sheet**

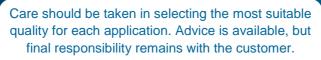
## Ethylene Propylene Diene Rubber (WCMEPDM)

CHEMICAL DESCRIPTION:	Copolymer of ethylene and propylene (EPM) or terpolymer of ethylene, propylene and a diene cure site monomer (EPDM)
PROPERTIES:	
ASTM classification:	EP(D)M
Typical applications:	O-rings, seals and components for potable water seals, taps etc., brake systems, automotive cooling systems, nuclear cooling systems, outdoor exposure applications
Advantages :	Excellent steam resistance Good ozone and weathering resistance Good low temperature flexibility WRAS approved grades for potable drinking water applications
Disadvantages:	Poor resistance to oils and non-polar solvents
Available hardness range (Sh. A):	25 - 95
Upper continuous service temp. (℃):	150
Min. temp. for sealing applications. ( $^{f C}$ ):	-55
Minimum non-brittle temp. (℃):	-70
Tensile strength (up to):	23 MPa
Elongation at break (up to):	450%

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



COMPOUND







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