

Technical Data Sheet

Ethylene Propylene Diene Rubber (WCMEPDM)

<u>CHEMICAL DESCRIPTION:</u>	Copolymer of ethylene and propylene (EPM) or terpolymer of ethylene, propylene and a diene cure site monomer (EPDM)
<u>PROPERTIES:</u>	
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. (°C):	150
Min. temp. for sealing applications. (°C):	-55
Minimum non-brittle temp. (°C):	-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



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.

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