

Technical Data Sheet

Polyisoprene Rubber (WCMIR)

<u>CHEMICAL DESCRIPTION:</u>	Synthetic Polyisoprene rubber
<u>PROPERTIES</u>	
ASTM classification:	IR
Typical applications:	Tyres, automotive mounts, shock absorbers, gaskets, sporting goods, adhesives, coatings and healthcare items
Advantages:	High tensile strength Good resilience
Disadvantages:	Poor resistance to oils and non-polar solvents Poor steam resistance Poor ozone and weathering resistance
Available hardness range (Sh. A):	35 - 90
Upper continuous service temp. (°C):	80
Min. temp. for sealing applications. (°C):	-50
Minimum non-brittle temp. (°C):	-70
Tensile strength (up to):	23 MPa
Elongation at break (up to):	650%

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