

Technical Data Sheet

Acrylic Ethylene Co-Polymer Rubber (WCMAEM)

<u>CHEMICAL DESCRIPTION:</u>	Copolymer of ethylene and acrylate
<u>PROPERTIES</u>	
ASTM classification:	AEM
Typical applications:	Automotive sealing applications, including seals for transmission and power steering systems
Advantages :	<p>Excellent resistance to transmission fluids, water, glycol mixtures and weak bases</p> <p>Good dynamic properties over a wide temperature range</p> <p>Excellent vibration dampening</p> <p>Excellent ozone resistance</p> <p>Can be formulated for low flammability / low smoke specifications</p>
Disadvantages:	<p>Poor steam resistance</p> <p>Poor resistance to brake fluid and phosphate esters</p>
Available hardness range (Sh. A):	45 - 90
Upper continuous service temp. (°C):	175
Min. temp. for sealing applications (°C):	-40
Minimum non-brittle temp. (°C):	-60
Tensile strength (up to):	20 MPa
Elongation at break (up to):	350%

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