

## Technical Data Sheet

### Acrylic Ethylene Co-Polymer Rubber (WCMAEM)

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

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