



## Technical Data Sheet

### Polyisoprene Rubber (WCMIR)

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

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