

Technical Data Sheet

Commercial E.P.D.M. Rubber WCME80

CHEMICAL DESCRIPTION:

Ethylene Propylene Diene Co-Polymer, EPDM

PHYSICAL PROPERTIES

TENSILE STRENGTH:	5 (MPa)
COMPRESSION SET: 22 Hours @ 70° C	49%
SPECIFIC GRAVITY:	1.40
ELONGATION AT BREAK:	300%
ABRASION RESISTANCE:	Poor
HARDNESS RANGE:	70° Sh. A (+ or - 5°)
TEMPERATURE RANGE:	-30° - +100° C
OZONE RESISTANCE:	Excellent



CHEMICAL RESISTANCE

WATER:	Excellent
ACIDS:	Very Good
ALKALIS:	Excellent
OILS:	Poor
FUELS AND PETROLEUM SOLVENTS:	Poor
KETONES:	Good

EPDM's are resistant to many chemicals and solvents particularly water, phosphate ethers, ketones, alcohols together with various acids and alkalis.

EPDM's have good resistance to many corrosive chemicals, most inorganic chemical products, mineral acids, detergents and glycol.

This material is a commercial grade EPDM/SBR blend suitable for use in medium range applications such as low pressure pipe seals, man-way gaskets and weather strip.

ELASTOMERS



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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