

Technical Data Sheet

Natural Rubber Insertion (Commercial– WCMN66)

CHEMICAL DESCRIPTION:

Styrene-Butadiene Rubber, SBR

PHYSICAL PROPERTIES

TENSILE STRENGTH:

3.5 (MPa)

COMPRESSION SET:

43%

22 Hours @ 70° C

SPECIFIC GRAVITY:

1.50

ELONGATION AT BREAK:

300% Min

ABRASION RESISTANCE:

Good

HARDNESS RANGE:

65° Sh. A (+ or - 5°)

TEMPERATURE RANGE:

-20° - +70° C

OZONE RESISTANCE:

Fair

TEAR STRENGTH:

12N/MM

CHEMICAL RESISTANCE

WATER:

Good to Excellent

ACIDS:

Good

ALKALIS:

Good

OILS:

Poor

FUELS AND PETROLEUM SOLVENTS:

Poor

KETONES:

Fair



ELASTOMERS

The tensile and tear strength figures mentioned above refer to the rubber element only and would be increased with the inclusion of an insertion. The degree of change would depend on the type of scrim used.

Recommended for low to medium cost products where good resilience and toughness are prime considerations. Not recommended where resistance to heat or oils is required.

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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