

Technical Data Sheet

Natural Rubber Insertion (Commercial– WCMN66)

CHEMICAL DESCRIPTION:

Styrene-Butadiene Rubber, SBR

PHYSICAL PROPERTIES

TENSILE STRENGTH:	3.5 (MPa)
COMPRESSION SET: 22 Hours @ 70° C	43%
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

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.

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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