

Technical Data Sheet

White Food Quality Natural Rubber WCMN01

CHEMICAL DESCRIPTION: Polyisoprene

PHYSICAL PROPERTIES

TENSILE STRENGTH: 3.5 MPa
 COMPRESSION SET: 29%
 22 Hours @ 70°C
 ELONGATION AT BREAK: 300% Min.
 ABRASION RESISTANCE: 160mm³
 HARDNESS RANGE: 65° Sh. A +/- 5°
 HEAT RESISTANCE: -45° - +85°C
 OZONE RESISTANCE: Poor



CHEMICAL RESISTANCE

WATER: Good to Excellent
 DILUTE ACIDS & BASES: Good
 ALKALIS: Good
 OILS: Poor
 KETONES: Fair
 FUELS & PETROLEUM SOLVENTS: Poor

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.

No rubber compound has formal FDA approval as only raw materials which are used to make a compound are given approval by the FDA. All the ingredients in this formulation have been checked against the latest update of the CFR21 FDA 177-2600 ingredient listings and are present at the level permitted.

This grade also complies with EC1935/2004.



EC1935:2004



Complies with FDA Food Contact Regulation 21 CFR177-2600

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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