

Buna CB Nd 40

Product Description

Buna CB Nd40 is a solution high-cis polybutadiene polymer produced with neodymium catalyst.

CAS No.: 9003-17-2.

Production Plant: Cabo de Santo Agostinho -PE- Brazil

Supply Form

Colorless rubber bales wrapped in polyethylene foil.

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Volatile matter	max. 0.75	% by wt	ASTM D 5668
Mooney Viscosity	41,5	ME	ASTM D 1646
cis 1,4 content	min. 96	% by wt	IR-spectroscopy
Stabilizer	non-staining		



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Other Product Features

Property	Typical Value
Use	Buna CB Nd40 is mainly used in tire applications – sidewalls, treads and retreads. Furthermore, it is used in automotive and technical goods, conveyor and transmission belts, toys, footwear, golf balls and so on. The main characteristic is related to its excellent abrasion and fatigue resistance, low rolling resistance, high resilience, tack and green strength.
Packaging	Bale weight 31 kg Nominal crate weight ~1116 kg
Storage Life/Conditions	Buna CB Nd40 should be stored in a cool, dry place at temperatures below 40°C. Exposure to light must be avoided as other heat sources. Under suitable conditions the product is stable for 12 months.
Marking	Grade / Lot number / Crate number / Net weight
Product Safety	Literature on the health and safety aspects of this product has been published. Before working with this product, personnel must be familiarised with its hazards, proper use, and handling. The available information is summarised in the Safety Data Sheet.

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

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