Technical Data Sheet

Europrene®
BR

Neocis BR 40
Butadiene Rubber

Europrene® Neocis BR 40 is a solution high cis polybutadiene produced with an organometallic neodymium catalyst. A non-staining TNPP free antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	43
Cis Content	Internal Method	% wt	97 min
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.5 max

The product is free from any nitrosating agent and is essentially free from pre-formed nitrosamines and nitrosable substances.

Key Features

Europrene® Neocis BR 40 is an elastomer characterized excellent processability, resilience and rebound. It shows very good resistance to abrasion, good resistance to fatigue cracking. Its extremely low glass transition temperature provides enhanced low temperature performances compared to other general purpose rubbers.

Main Applications

Tyre tread and sidewall, conveyor belts, technical goods, hoses, golf balls.

Physical Form

White/amber bales wrapped in easily dispersible polyethylene film.

Packaging

Wooden crate, nominal net weight 1050 kg; 35 kg bale, 30 bales per crate (1530 x 1145 x H1090 mm).
Returnable metal crate, nominal net weight 1260 kg; 35 kg bale, 36 bales per crate (1465 x 1150 x H1123 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; with no direct sunlight.
Shelf life: 18 months minimum.

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Please consult the relevant safety data sheet for more detailed information.
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