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## Technical Data Sheet

[info.elastomers@versalis.eni.com](mailto:info.elastomers@versalis.eni.com)

### EUROPRENE®

BR

### NEOCIS BR 60

Butadiene Rubber

Europrene® Neocis BR 60 is a solution high cis polybutadiene polymer produced with an organometallic neodymium catalyst at the Ravenna production facility in Italy.

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) unmassed	ASTM D 1646	MU	63
Cis - 1:4 Content	Internal Method	%	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 essentially free from pre-formed nitrosamines and nitrosables substances.

### Key Features

Europrene® Neocis BR 60 is an elastomer characterised by an excellent resistance to abrasion, high resilience/ rebound, good resistance to fatigue cracking and crack growth.

Its low glass transition temperature provides enhanced low temperature performance compared to that of other general purpose rubbers.

Europrene® Neocis BR 60 exhibits improved mechanical and elastic properties compared to Europrene® Neocis BR 40; nevertheless a loss of processability should be considered.

### Main Applications

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

### Physical Form

Water white amber bales wrapped in easily dispersible polyethylene film.

### Packaging

Returnable metal crate, nominal net weight 1260 kg, 35 kg bale, 36 bales per crate (1465 x 1150 x H1123 mm).

Wooden crate IPPC for over seas market, total weight 1050 kg, 35 kg bale, 30 bales per crate (1530 x 1145 x H1090 mm).

### Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.

Shelf life: 18 months minimum.

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

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