



versalis

Technical Data Sheet

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.

