



versalis

## Technical Data Sheet

### EUROPRENE<sup>®</sup>

BR

### NEOCIS BR 40

Butadiene Rubber

Europrene<sup>®</sup> Neocis BR 40 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	43
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 is essentially free from pre-formed nitrosamines and nitrosable substances.

### Key Features

Europrene<sup>®</sup> Neocis BR 40 is an elastomer characterised by an excellent resistance to abrasion, high resilience/rebound, good resistance to fatigue cracking and crack growth.  
Its extremely low glass transition temperature provides enhanced low temperature performance compared to other general purpose rubbers.

### 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.

