

**EUROPRENE®**

BR

**NEOCIS BR 450**

Butadiene Rubber

Europrene® Neocis BR 450 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	44
Cis - 1:4 Content	Internal Method	%	95 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 450 is an elastomer characterised by enhanced processability, resilience and rebound with excellent resistance to abrasion, 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 H 1123 mm).

Wooden crate IPPC for over seas market, total weight 1050 kg, 35 kg bale, 30 bales per crate (1530x1145xH1090 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.

