

# Europrene® NEOCIS BR 60

High Cis Polybutadiene Rubber

Versalis S.p.A.

Message:

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 antioxidant is added during the production process.

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.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Fatigue Resistant		
	Good Abrasion Resistance		
	Good Crack Resistance		
	Low Temperature Resistant		
	Resilient		
Uses	Automotive Applications		
	Belts/Belt Repair		
	Conveyor Parts		
	Hose		
	Sporting Goods		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity <sup>1</sup> (ML 1+4, 100°C)	63	MU	ASTM D1646
1,4-cis Content	> 97.0	wt%	Internal Method
Ash Content	< 0.5	wt%	ASTM D5667
Volatile Matter	< 0.75	wt%	ASTM D5668
NOTE			
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