

Nipol® BR 1220SG

High Cis Polybutadiene Rubber

Zeon Corporation

Message:

Nipol BR affords excellent abrasion resistance, low temperature resistance, and heating characteristics, as well as high rebound resilience. There are two types of Nipol BR-high cis-BR and low cis-BR-with different levels of cis-1,4 content, which can be selected according to the specific application. When combined with other rubbers, such as natural rubber, SBR, and NBR, Nipol BR provides and improves low-temperature performance and other characteristics, the inherent features of Nipol BR, while maintaining each rubber's unique properties. Nipol BR is widely used and has proved satisfactory in a variety of manufacturing processes for such products as tires, footwear, vibration-insulating rubber, and high impact polystyrene.

Characteristics

Medium high solution viscosity type

General Information		
Additive	Antioxidant 2	
Features	Antioxidant	
	Good Abrasion Resistance	
	Low Temperature Resistant	
	Medium-high Viscosity	
Physical	Nominal Value	Unit
Mooney Viscosity	45	MU
Solution Viscosity ¹	72	mPa·s
1,4-cis Content	98.0	wt%
NOTE		

1. 5% in Styrene at 25°C (77°F)

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