

INTENE® 50

Low Cis Polybutadiene Rubber

Versalis S.p.A.

Message:

Intene® 50 is a solution polymerized low cis polybutadiene produced using an alkyl lithium catalyst at the Grangemouth production facility in Scotland, UK.

A non-staining antioxidant is added during the production process.

Key Features

Intene® 50 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 good low temperature performance.

Intene® 50 reduces reversion in NR compounds, allowing higher temperature to be adopted.

It exhibits low BIT times and can also accept higher loadings of carbon black.

Main Applications

Tyres, belting, moulded and extruded articles.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Fatigue Resistant
	Good Abrasion Resistance
	Good Crack Resistance
	High Heat Resistance
	Low Temperature Resistant
	Resilient
Uses	Belts/Belt Repair
	Tire Repair
Forms	Bale
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Mooney Viscosity ¹ (ML 1+4, 100°C)	48	MU	ASTM D1646
1,4-cis Content	38.0	wt%	Internal Method
Ash Content	< 0.1	wt%	ASTM D5667
Volatile Matter	< 0.75	wt%	ASTM D5668

NOTE	
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