



Technical Data Sheet

Intene®
BR

50 BA
Butadiene Rubber Bio Attributed



Intene® 50 BA is a solution polymerized low cis polybutadiene produced using an alkyl lithium catalyst. A TNPP/BHT free non-staining antioxidant is added during the production process.

Sustainability

Bio raw materials can be used in production processes together with traditional raw materials. In order to attribute sustainability characteristics to the final product, Versalis applies the **Mass Balance** approach, an acknowledged methodology that ensures that the sustainability characteristics of the alternative raw material, mixed with traditional naphtha, correspond to those of the final product. BA products are provided with a **sustainability declaration** indicating the amount of Bio Attributed component. They guarantee identical performance, quality and properties, as they do not differ in chemical composition and physical-mechanical performance from standard products.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	48
Cis - 1,4 Content	Internal Method	% wt	38 min
Volatile Matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.1 max

Key Features

Intene® 50 BA is an elastomer characterized 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 BA 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.

Physical Form

Water-white to pale amber coloured bales wrapped in easily dispersible polyethylene film.

Packaging

Returnable metal crate, nominal net weight 1190 kg; 33 Kg bale, 36 bales per crate (1465 x 1150 x H1123 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; with no direct sunlight.

Shelf life: 12 months minimum.

Please consult the relevant safety data sheet for more detailed information.

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