



versalis

www.versalis.eni.com

Technical Data Sheet

info.elastomers@versalis.eni.com

INTENE[®]
BR

50
Butadiene Rubber

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.

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

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.

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; no direct sunlight.
Shelf life: 12 months minimum.

Please consult the relevant safety data sheet for more detailed information.
The information and data presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, expressed or implied, is made nor is any liability accepted with respect to the use of such information data.