

PRODUCT DATA SHEET

BUDENE® 1280

CHEMICAL DESCRIPTION

BUDENE® 1280 is a solution polymerized high cis-1,4 polybutadiene stabilized with a non-staining, slightly discolouring antioxidant. (CAS Reg. N° 9003-17-2)

BUDENE® 1280 is produced by a polymerization process employing a stereospecific catalyst which controls molecular weight distribution and shifts the polymer macrostructure from linear to branched without altering the high-cis microstructure

APPLICATIONS

BUDENE® 1280 is typically blended with other elastomers to help achieve benefits in applications requiring enhanced:

- Abrasion resistance
- Flex-cracking resistance
- Resilience
- Low temperature properties

Application areas have included:

- Tire compounds
- Automotive and conveyor belts
- Hoses, tubes, and covers
- Shoe products
- Sponge rubber
- Mechanical goods
- Sporting goods

TYPICAL PROPERTIES

BUDENE® 1280	
Color	light amber
Mooney ML1+4 @ 100°C	40
Onset Tg, °C	-104
Cis 1,4, Content, %	97
Volatiles, %	0.5 max
Specific Gravity	0.91
Stabilizer	non staining slightly discoloring

PACKAGING

Returnable Containers

- Returnable containers are collapsible aluminum containers that contain 35 kg wrapped bales.
- Contact your sales representative for details. Other packaging types may be available for specific volumes and destinations

PROCESSING

BUDENE® 1280 helps provide the performance benefits of high-cis polybutadiene polymer, which may result in:

- Lower cold flow
- Faster black incorporation time
- Lower power consumption
- Improved milling and extrusion
- Lower die swell for tighter dimensional control

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WARRANTY: Unless sold without warranty, this product is warranted to conform to Goodyear's applicable specifications in effect at the date of shipment. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EITHER ORAL OR WRITTEN, INCLUDING IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER WARRANTY OF QUALITY IS EITHER EXPRESSED OR IMPLIED FOR THIS PRODUCT. GOODYEAR SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES, EVEN IF GOODYEAR HAS BEEN NOTIFIED OF THE POTENTIAL OF SUCH A LOSS OR CLAIM OR FOR ANY AMOUNT IN EXCESS OF THE APPLICABLE PURCHASE PRICE. This warranty is null and void should the product be subject to abuse, modification, misused or mishandled.

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