

**BUDENE<sup>®</sup> 1280****CHEMICAL DESCRIPTION**

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

BUDENE<sup>®</sup> 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.

**PROCESSING**

BUDENE<sup>®</sup> 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

**APPLICATIONS**

BUDENE<sup>®</sup> 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**

| <b>BUDENE<sup>®</sup> 1280</b> |              |
|--------------------------------|--------------|
| 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 |

**PACKAGING****Cardboard Container**

- Three cell cardboard boxes contain 24 - 80 lb film wrapped bales.
  - Dimensions: 50" L x 31.5" W x 55" H
  - Weight: Gross: 2044 lb, Net: 1920 lb

**Returnable Container**

- In select areas, returnable containers may be available.
- Returnable containers are collapsible aluminum containers that contain 36 – 80 lb film wrapped bales.
- Contact your sales representative for details.
- Other packaging types may be available for specific volumes and destinations.

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