

Butadien

BD

Overview

BD is produced by extracting from mixed C4 resins, by-product from naphtha cracking. It is a gaseous product with unique odors at room temperature.

Application

Raw materials for synthetic rubber such as SBR and BR.

Physical properties

Item	Test Method	Unit	Typical Value
APPEARANCE	HTC METHOD	-	Clear
PROPANE	ASTM D2593	Wt ppm	LT1
1,3-BUTADIENE	ASTM D2593	Wt %	99.58
METHYL ACETYLENE	ASTM D2593	Wt ppm	LT1
ETHYL ACETYLENE	ASTM D2593	Wt ppm	6
VINYL ACETYLENE	ASTM D2593	Wt ppm	6
BUTADIENE DIMER	ASTM D2426	Wt ppm	LT100
NONVOLATILE RESIDUE	ASTM D1025	Wt ppm	128
CARBONYL(AS ACETALDEHYDE)	ASTM D4423	Wt ppm	18
SULFUR(AS H ₂ S)	ASTM D3246	Wt ppm	LT1
PEROXIDE(AS H ₂ O ₂)	ASTM D5799	Wt ppm	LT5
WATER	ASTM D1142	Wt ppm	75
T-ACETYLENE	ASTM D2593	Wt ppm	17

Note: The data is a representative value of the guide material and may be changed depending on the manufacturing raw material and process situation.

Certification

EU REACH Registration (EC NO 203-450-8)

For further inquiries, please contact us at the address or phone number below.

Contact information

Hanwha TotalEnergies Petrochemical co. Ltd.
www.htpchem.com

Sales Office
04525 No.92, Sejong-daero, Jung-gu, 16,18-20F, Hanwha Finance Plaza, Seoul, Republic of Korea
16th floor of Hanwha Financial Plaza
T. 82-2-3415-9365 T. 82-2-3415-9463

Energy Customer Technical Support Team
31900 103, Dokgot 2-ro, Daesan-eup, Seosan-si, Chungcheongnam-do, Republic of Korea
T. 82-41-660-6831 F. 82-41-660-6290

Disclaimer

This document is copyrighted by Hanwha TotalEnergies Petrochemical. All information is for reference only and is not the specifications of the final product. Customers should make their own judgments as to whether our products and information serve a particular purpose and what regulations apply to customers' use of such products. Hanwha TotalEnergies Petrochemical is not responsible or obligated for the contents of this document. Hanwha TotalEnergies Petrochemical provides no warranties of any kind, either express or implied (such as merchantability and or fitness for a particular purpose, etc.) with respect to any information contained in this material. Hanwha TotalEnergies Petrochemical may arbitrarily change the contents of this material without prior notice.

