



P B I

CENTRAL LABORATORY DEPARTMENT  
MONOMER AND BUTADIENE LABORATORY

**PRODUCT SPECIFICATION**  
(PS-PBI-01)  
**1,3-BUTADIENE**

No	Properties	Unit	Sales Spec	Test Methods
1	1,3-Butadiene	wt. %	> 99.5	ASTM D-2593
2	Total Acetylenes	wppm	< 50	ASTM D-2593
3	1,2-Butadiene	wppm	< 40	ASTM D-2593
4	C5 Hydrocarbons	wppm	< 500	ASTM D-2593
5	Carbonyl as Acetaldehyde	wppm	< 50	ASTM D-4423
6	Sulphur as H <sub>2</sub> S	wppm	< 5	GC-FPD
7	Peroxides as H <sub>2</sub> O <sub>2</sub>	wppm	< 5	ASTM D-5799
8	Propadiene	wppm	< 20	ASTM D-2593
9	Butadiene Dimer	wppm	< 500	ASTM D-2426
10	Non-volatile residue	wppm	< 500	ASTM D-1025
11	Water	wppm	< 500	ASTM D 6304
12	TBC	wppm	30-150	ASTM D-1157

Date Effective:

Name	CLD Manager	BDD Manager	PNO GM	Monomer Feedstock Director
Position	Wijaya Hadi	Heru Purnomo	Supriyanto	Rully Ariawan

PT Petrokimia Butadiene Indonesia

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