

Bangkok Synthetics Co., Ltd.

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Butadiene Standard Specification

Item	Specification	Test Method
1. 1,3-Butadiene	wt% min. 99.5	ASTM D 2593
2. Total Acetylenes	wppm max. 20	ASTM D 2593
3. 1,2-Butadiene	wppm max. 20	ASTM D 2593
4. Propadiene	wppm max. 10	ASTM D 2593
5. Butadiene Dimer	wt% max. 0.04	ASTM D 2426
6. C5+	wppm max. 100	ASTM D 2593
7. Non Volatile Residue	wppm max. 100	ASTM D 1025
8. Total Sulfur (as H ₂ S)	wppm max. 5	ASTM D 5453
9. Carbonyls (as Acetaldehyde)	wppm max. 10	ASTM D 4423
10. Peroxides (as H ₂ O ₂)	wppm max. 5	ASTM E 299
11. TBC	wppm max. 50-150	ASTM D 1157
12. Oxygen in vapor	vppm max. 1000	Trace Oxygen Analyzer
13. Water	wppm max. 100	SHAW Moisture meter