

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. 50	SHAW Moisture meter