

1-Butene (C₄H₈) Technical Data

Suggested Applications

Chevron Phillips Chemical Company LP's 1-Butene is recommended for applications such as polyethylene comonomer, oxo alcohols, epoxides, and mercaptans to name just a few.

Property	Method	Typical Value
Carbon Number, wt. % C ₄	GLC	99.90
Carbon Number, wt. % >C ₄	GLC	0.10
n-Alpha Olefin, wt. %	GLC	99.54
Paraffin, wt. %	GLC	0.30
Specific Gravity Solid, 60°/60°F, 15.6°/15.6°C	ASTM D 287	0.602
Density, lb./gal., 60°F, (15.6°C)	--	5.01
Sulfur, ppm by wt.	ASTM D 3120	--
Water, ppm by wt.	Ametek 5800	1
Chloride, ppm by wt.	ASTM D 4929	--
Carbon Dioxide, ppm by wt.	ASTM D 2504-1	--
Carbon Monoxide, ppm by wt.	ASTM D 2504-1	--

1. The nominal properties herein are typical of the product but do not reflect normal production and testing variances and therefore should not be used for specification purposes. Values are rounded.