

## AlphaPlus® 1-Octene Technical Data

Property	Method	Typical Value
Carbon Number, wt. % C <sub>8</sub>	GLC	99.90
n-Alpha Olefin, wt. %	GLC	97.76
Vinylidene, wt. %	GLC	1.70
cis- and trans- 2-Octene, wt%	GLC	0.12
Paraffin, wt. %	GLC	0.21
Color, Saybolt	ASTM D 6045	30
Specific Gravity Solid, 60°/60°F, 15.6°/15.6°C	ASTM D 4052	0.72
API Gravity, 60°F/60°F (15.6°C/15.6°C)	ASTM D 4052	65.1
Density, lb./gal., 60°F, (15.6°C)	--	6.00
Peroxide, ppm by wt.	SOP PC 711.000	<0.08
Carbonyls, ppm by wt.	ASTM E 411	<1
Water, ppm by wt.	ASTM E 1064	13.4
Flash Point, TCC°F, °C	ASTM D 56	55 (12.8)
Appearance	ASTM D 4176	Clear and Bright
Auto Ignition Temperature, °F (°C)	ASTM E 659	430 (221)

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.