

For more information and technical assistance contact:

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## AlphaPlus® 1-Octadecene Technical Data

Property	Method	Typical Value
Carbon Number, wt. % C <sub>18</sub>	GLC	98.29
n-Alpha Olefin, wt. %	GLC	91.16
Vinylidene, wt. %	GLC	7.07
cis- and trans- 2-Octadecene, wt%	GLC	0.17
Paraffin, wt. %	GLC	0.26
Color, Saybolt	ASTM D 6045	30.00
Specific Gravity Solid, 60°/60°F, 15.6°/15.6°C	ASTM D 287	0.793
API Gravity, 60°F/60°F (15.6°C/15.6°C)	ASTM D 287	46.9
Density, lb./gal., 60°F, (15.6°C)	--	6.60
Water, ppm by wt.	ASTM E 1064	27
Pour Point, °F, °C	ASTM D 97	65 (18.3)
Flash Point, PM °F, °C	ASTM D 56	310 (154)
Freezing Point, °F, (°C)	ASTM D 1015	64 (17.8)
Appearance	ASTM D 4176	Clear and Bright
Auto Ignition Temperature, °F (°C)	ASTM E 659	482 (250)

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.

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