

For more information and technical assistance contact:

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## AlphaPlus® 1-Hexadecene Technical Data

Property	Method	Typical Value
Carbon Number, wt. % C <sub>16</sub>	GLC	98.76
n-Alpha Olefin, wt. %	GLC	92.54
Vinylidene, wt. %	GLC	6.15
cis- and trans- 2-Hexadecene, wt%	GLC	0.18
Paraffin, wt. %	GLC	0.25
Color, Saybolt	ASTM D 6045	30.00
Specific Gravity Solid, 60°/60°F, 15.6°/15.6°C	ASTM D 287	0.785
API Gravity, 60°F/60°F (15.6°C/15.6°C)	ASTM D 287	48.7
Density, lb./gal., 60°F, (15.6°C)	--	6.54
Water, ppm by wt.	ASTM E 1064	28
Pour Point, °F, °C	ASTM D 97	45 (7.2)
Flash Point, TCC°F, °C	ASTM D 56	270 (132)
Freezing Point, °F, (°C)	ASTM D 1015	39 (3.9)
Appearance	ASTM D 4176	Clear and Bright
Auto Ignition Temperature, °F (°C)	ASTM E 659	464 (240)

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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Another quality product from



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