AlphaPlus
Normal Alpha Olefins

AlphaPlus® 1-Decene
Technical Data

Property	Method	Typical Value
Carbon Number, wt. % C_{10}	GLC	99.11
n-Alpha Olefin, wt. %	GLC	96.55
Vinylidene, wt. %	GLC	2.76
cis- and trans- 2-Decene, wt%	GLC	0.12
Paraffin, wt. %	GLC	0.23
Color, Saybolt	ASTM D 6045	30
Specific Gravity Solid, 60°/60°F, 15.6°/15.6°C	ASTM D 287	0.75
API Gravity, 60°F/60°F (15.6°C/15.6°C)	ASTM D 287	58.4
Density, lb./gal., 60°F, (15.6°C)	--	6.21
Water, ppm by wt.	ASTM E 1064	35
Flash Point, TCC°F, °C	ASTM D 56	120 (48.9)
Appearance	ASTM D 4176	Clear and Bright
Auto Ignition Temperature, °F (°C)	ASTM E 659	410 (210)

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.

Chevron Phillips CHEMICAL