

For more information and technical assistance contact:

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## AlphaPlus® C30+ Technical Data

Property	Method	Typical Value
Carbon Number, wt. % <C <sub>22</sub>	GLC	0.00
Carbon Number, wt. % C <sub>22</sub>	GLC	0.00
Carbon Number, wt. % C <sub>24-28</sub>	GLC	11.42
Carbon Number, wt. % C <sub>30+</sub>	GLC	88.59
n-Alpha Olefin, wt. %	NMR	71.4
Viscosity, Kinematic, cSt 210°F (99°C)	ASTM D 445	6.78
Specific Gravity Solid, 60°/60°F, 15.6°/15.6°C	ASTM D 287	0.83
API Gravity, 60°F/60°F (15.6°C/15.6°C)	ASTM D 287	37.2
Density, lb./gal., 60°F, (15.6°C)	--	6.58
Flash Point, PM °F, °C	ASTM D 93	485 (252)
Viscosity, Saybolt, SUS	ASTM D 2161	52
Linear Internal Olefins, wt. %	NMR	2.90
Branched Olefins, wt. %	NMR	24.7
Congealing Point, °F, (°C)	ASTM D 938	157.4 (71.5)
Penetration, 0.10 mm, @ 77°F (25°C)	ASTM D 1321	13
Penetration, 0.10 mm, @ 100°F (37.8°C)	ASTM D 1321	24
Penetration, 0.10 mm, @ 110°F (43.3°C)	ASTM D 1321	34

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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Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.