

For more information and technical assistance contact:  
Saudi Polymers Company  
PO Box 11221  
Jubail Industrial City  
Saudi Arabia 31961  
Tel: +(966) 3-356-8222  
Email: [customerservice@saudichevron.com](mailto:customerservice@saudichevron.com)  
Visit our site: [www.saudipolymers.com](http://www.saudipolymers.com)



## AlphaPlus<sup>®</sup> 1-Hexene (C<sub>6</sub>H<sub>12</sub>)

### *Sales Specifications*

For a Material Safety Data Sheet (MSDS), visit our site at [www.saudipolymers.com](http://www.saudipolymers.com)

Characteristics	Method	Specification
1-Hexene, wt. %, min.	GLC	99.0
Carbon Number, wt. % <C6 max.	GLC	0.05
Carbon Number, wt. % C6 min.	GLC	99.8
Carbon Number, wt. % >C6 max.	GLC	0.08
Vinylidene, wt. % max.	GLC	0.1
cis and trans 2-Hexene, wt. %max	GLC	1.0
Paraffin, wt. % max.	GLC	0.3
Water, ppm by wt., max.	ASTM E 1064	25
Peroxide, ppm by wt., max	ASTM E 299	1.0
Carbonyls, ppm by wt., max.	ASTM E 411	1.0
Color, Saybolt, min.	ASTM D 6045	+30
Appearance	ASTM D 4176	Clear & Bright
Benzene, ppb by wt., max.	GLC	200

Revision Date August 2011



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. Saudi Polymers Company 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 any international laws which may be encountered in the use thereof. Such questions should be investigated by the user.

AlphaPlus<sup>®</sup> 1-Hexene is manufactured under license from Chevron Phillips Chemical Company LP by Saudi Polymers Company.