

Elevexx™ 1800 AO linear alpha olefin

Provisional specification

Together, we win

This linear alpha olefin can be used as a key ingredient for lube additives, paper sizing agents and biodegradable drilling fluids. These products in turn are used in the formulation of engine oils, as well as moisture-resistance enhancers in cardboards and fluid viscosity modifiers for drilling. Elevexx™ linear alpha olefins deliver a high purity of 1-octadecene that is desired in these applications.

Elevexx™ 1800 AO

Property	UOM	Test Method	Provisional specification	
			Min	Max
Total C18s	wt%	AM-S 1798	98.0	
Total alpha olefins	wt%	AM-S 1798	88.6	
Total linear internal + branched olefins	wt%	AM-S 1798		11.4
Total paraffins	wt%	AM-S 1918		0.3
C16s and lighter	wt%	AM-S 1798		2.0
C20s and heavier	wt%	AM-S 1798		1.0
Color, Saybolt		ASTM D6045	30	
Appearance		ASTM D4176	Pass	
Water	ppm	ASTM E1064		100
Peroxides		Strip Test or AMS 300.10	Report	

©2022 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Chemical," and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Chemical Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.

Contact us for more information:
<https://www.exxonmobilchemical.com/en/products/linear-alpha-olefins>