

# Elevexx™ 1600 AO linear alpha olefin

## Provisional specification

**Together, we win**

This linear alpha olefin can be used to manufacture detergents and surfactants, as well as a key ingredient in the production of lube additive, paper sizing agents and biodegradable drilling fluids. These materials in turn are made into everyday products such as soaps, hair products and cleaners. These products are also applied in the formulation of engine oils, as well as viscosity modifiers for drilling. Elevexx™ linear alpha olefins deliver a high purity of 1-hexadecene that is desired in these applications.

### Elevexx™ 1600 AO

Property	UOM	Test Method	Provisional specification	
			Min	Max
Total C16s	wt%	AM-S 1798	98.0	
Total alpha olefins	wt%	AM-S 1798	91.0	
Total linear internal + branched olefins	wt%	AM-S 1798		9.0
Total paraffins	wt%	AM-S 1918		0.3
C14s and lighter	wt%	AM-S 1798		1.5
C18s and heavier	wt%	AM-S 1798		1.5
Color, Saybolt		ASTM D6045	30	
Appearance		ASTM D4176	Pass	
Water	ppm	ASTM E1064		100
Peroxides		Strip Test or AMS 300.10	Report	

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