

Elevexx™ 1000 AO linear alpha olefin

Provisional specification

Together, we win

This linear alpha olefin can be used as a raw material in the polyalphaolefin industry to produce high performance lubricants as well as in the midstream oil and gas industry to produce pipeline drag reducing agents. Elevexx™ linear alpha olefins deliver an ultra-high purity of 1-decene that is required by these applications.

Elevexx™ 1000 AO

Property	UOM	Test Method	Provisional specification	
			Min	Max
Total C10s	wt%	AM-S 1798	99.2	
Total alpha olefins	wt%	AM-S 1798	96.0	
Total linear internal + branched olefins	wt%	AM-S 1798		4.0
Total paraffins	wt%	AM-S 1918		0.2
C8s and lighter	wt%	AM-S 1798		0.3
C12s and heavier	wt%	AM-S 1798		0.5
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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