

Elevexx™ 0800 AO linear alpha olefin

Provisional specification

Together, we win

This linear alpha olefin can be used as a comonomer to manufacture plastomers, elastomers, and performance polyethylene, which in turn are made into end products such as tubing, seals, gaskets, and grip materials. This product can also be utilized as a raw material in the polyalphaolefin industry to produce high performance lubricants. Elevexx™ linear alpha olefins deliver an ultra-high purity of 1-octene that is required by these applications.

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Property	UOM	Test Method	Provisional Specification	
			Min	Max
Total C8s	wt%	AM-S 1919	99.0	
Total alpha olefins	wt%	AM-S 1919	97.7	
Total linear internal + branched olefins	wt%	AM-S 1919		2.3
Total paraffins	wt%	AM-S 1918		0.2
C6s and lighter	wt%	AM-S 1919		0.5
C10s and heavier	wt%	AM-S 1919		0.5
Appearance		ASTM D4176	Pass	
Color, Saybolt		ASTM D6045	30	
Water	wppm	ASTM E1064		50
Peroxides		Strip Test or AMS 300.10	Report	

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Contact us for more information:

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