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## TECHNICAL DATA SHEET

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### LAO C10 (1-DECENE)

#### PRESENTATION:

Linear Alpha Olefins (LAO) are olefins (alkenes) with the formula  $C_xH_{2x}$ . Unlike other linear olefins with the same formula the LAOs have their double bond position at the primary carbon or alpha position. LAO C10 is  $C_{10}C_{20}$  with the chemical name 1-Decene.

#### APPLICATIONS:

LAO C10 1-Decene is used as a monomer in copolymers and is an intermediate in the production of epoxides, aqueous detergents, linear alkyl benzenes, amines, oxo alcohols, synthetic lubricants, synthetic fatty acids, and alkylated aromatics

#### TYPICAL PROPERTIES:

PROPERTY	UNIT	TYPICAL	TEST METHOD
Appearance		Clear & Bright	Visual
Density at 15 °C	g/cm <sup>3</sup>	0.75	ASTM D 4052*
Carbon number C10	% wt	99.1	GC*
Paraffin content	% wt	0.2	GC*
Color Saybolt		+ 30	ASTM D 156*
Water	mg/kg	35	ASTM D 1364*

\*or equivalent method

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