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TECHNICAL DATA SHEET

Ref.name: T/LAO_C12
Rev.no: 01
Date: 22-12-2015

LAO C12 (1-DODECENE)

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 $C_{12}H_{24}$ with the chemical name 1-Dodecene.

APPLICATIONS:

LAO C12 1-Dodecene is used as intermediates in a variety of market applications including surfactants, detergents, lubricant additives and paper sizing.

TYPICAL PROPERTIES

PROPERTY	UNIT	TYPICAL	TEST METHOD
Appearance		Clear & Bright	Visual
Density at 15 °C	g/cm ³	0.763	ASTM D 4052*
Carbon number C12	% wt	98.8	GC*
Paraffin content	% wt	0.2	GC*
Color Saybolt		+ 30	ASTM D 156*
Water	mg/kg	48	ASTM D 1364*
Freezing point	°C	- 35	ASTM D 1015*

*or equivalent method

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