

New Olefin (A-20) by Idemitsu Catalyst Tech.

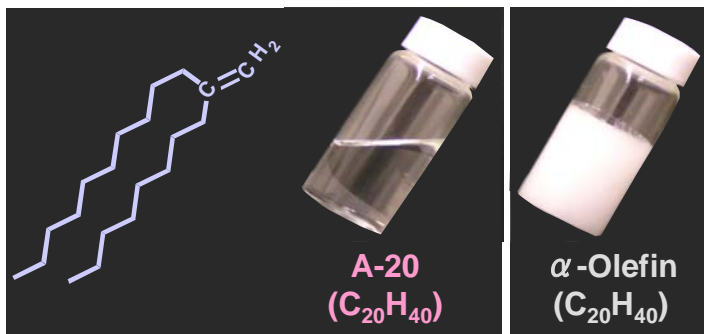
Liquid Higher Olefins

LINEALENE DIMER A-20

For Plasticizer, Diluent, Lubricant and Surfactant, etc.

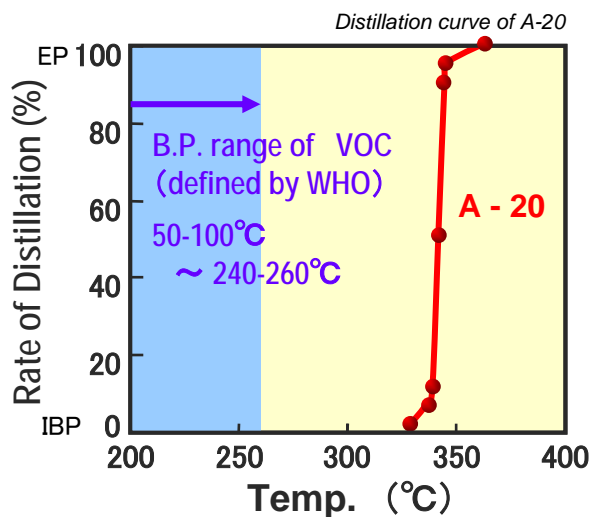
Excellent Properties

- High fluidity and low viscosity at lower temperature
- High purity and no contamination of VOCs, aromatic and naphthene components
 - Available as a variety of synthetic intermediates



Narrow distillation range (non-VOC)

- A-20 doesn't contain VOC component



A-20 Data

Appearance	colorless & transparent liquid	
Molecular Weight	280.53	
Density(g/cm ³)	0.799	
Flash point(°C)	181	
Pour Point (°C)	-14	
Kinetic viscosity (mm ² /s)	40 °C	4.5
	100 °C	1.7
Distillation range (°C)	IBP	330
	5%	338
	10%	340
	50%	343
	90%	345
	95%	346
	EP	364
Aniline point (°C)	87	

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Characteristics & Application ideas of A-20

Typical Characteristics	Application ideas
Narrow distillation range(non-VOC)	Plasticizer
High fluidity at lower temperature	Diluent
Low viscosity	Dispersant
High reactivity	Synthetic intermediates

A-20 has good compatibility with PPG & silicone compounds

compd.	compd./A-20	
PPG1000	80 / 20	○
PPG2000	70 / 30	○
polydimethylsiloxane, trimethylsiloxy terminated (Mw2000)	50 / 50	○
25-30% methylhydroxysiloxane dimethylsiloxane copolymers	50 / 50	○
polydimethylsiloxane, aminopropyl terminated	50 / 50	○

A-20 can soften polyurethane better than other plasticizers

