

CENTURY™ D1 Branched Fatty Acids

PRODUCT DATA SHEET

CENTURY D1 Monomer Acid is a special fatty acids product that contains both saturated and unsaturated C-18 fatty acids. Branched chain iso-oleic acids constitute the main portion, with a low level of polyunsaturated fatty acids.

FEATURES

- Low color
- Alternative to Oleic Acid
- High oxidative stability
- CENTURY D1 monomer acid contains 100% USDA certified biobased content

POTENTIAL APPLICATIONS

- Lubricants
- Metalworking Fluids
- Soaps and detergents
- Coatings
- Oilfield Chemicals
- Asphalt Paving
- Mining
- Printing Inks
- Flooring Emulsions

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number (mg KOH/g)	AQCM 001	170 - 185	174
Color, Gardner	AQCM 002	6 Maximum	3
Moisture (%)	AQCM 085	0.3 Maximum	0.03

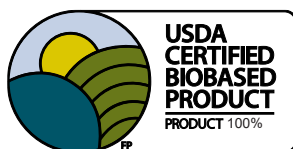
*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Saponification Number (mg KOH/g)	AQCM 019	181
Iodine Number (cg I/g)	AQCM 009	75
Titer (°C)	AQCM 081	32
Unsaponifiables (%)	AQCM 011	7

*Kraton test methods are available upon request

SOLUBILITY	CENTURY™ D1 Monomer Acid is soluble in alcohols, aromatics, esters and ketones and insoluble in water.
COMPATIBILITY	CENTURY D1 Monomer Acid is compatible with other liquid fatty acids and vegetable oils.
PACKAGING	CENTURY D1 Monomer Acid is delivered as a liquid in totes, tank trucks, tank cars (subject to availability), or 400 lb. steel drums.
STORAGE RECOMMENDATION	Drums – Should be stored dry and below 25°C / 77°F and away from direct sun light. Bulk – Acid resistant stainless steel tank above the titer point and under an inert gas atmosphere.



The USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.

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