

## CENTURY™ MO5 Branched Fatty Acids

**PRODUCT DATA SHEET**

CENTURY MO5 Monomer Acid is a 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 MO5 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	166 Minimum	174
Color, Gardner	AQCM 002	5 Maximum	3
Moisture (%)	AQCM 085	1 Maximum	0.05
Viscosity, Cannon-Fenske 100°F	AQCM 111	150 - 200	174

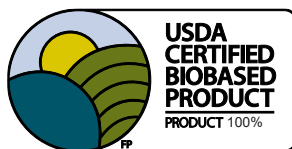
\*Kraton test methods are available upon request

### TYPICAL VALUES

Property	Test Method*	Typical Value
Saponification Number (mg KOH/g)	AQCM 019	183
Iodine Number (cg I/g)	AQCM 009	80
Titer (°C)	AQCM 081	30

\*Kraton test methods are available upon request

<b>SOLUBILITY</b>	CENTURY™ MO5 Monomer Acid is soluble in alcohols, aromatics, esters and ketones and insoluble in water.
<b>COMPATIBILITY</b>	CENTURY MO5 Monomer Acid is compatible with other liquid fatty acids and vegetable oils.
<b>PACKAGING</b>	CENTURY MO5 Monomer Acid is delivered as a liquid in totes, tank trucks, tank cars (subject to availability), or 400 lb. steel drums.
<b>STORAGE RECOMMENDATION</b>	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.

#### Disclaimer

We cannot anticipate all circumstances, conditions or applications in which this information, our products, or the products of other suppliers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or for the safety or suitability of our products, either alone or in combination with other products. The user of our products bears the responsibility of determining their suitability for a particular application or formulation, or determining that the products or their use do not infringe any intellectual property. Unless otherwise stated in writing, **WE MAKE NO WARRANTY REGARDING THE INFORMATION PROVIDED HEREIN OR OUR PRODUCT, EITHER EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SHELF-LIFE OR NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHTS.** The user assumes all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

\*KRATON, the Kraton logo, and CENTURY are either trademarks or registered trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2016-2021 Kraton Corporation