KRATON

CENTURY™ 1107 Isostearic Acid

PRODUCT DATA SHEET

CENTURY 1107 Isostearic Acid is a highly purified mixture of branched and straight chain C18 fatty acids. The low Iodine number and high Acid number content of CENTURY 1107 is of particular value for more demanding applications, such as high-performance lubricant additives, personal care, and metalworking.

FEATURES

- Technical grade
- Derived from renewable vegetable source
- Low lactone content
- Low iodine value

APPLICATIONS

- Lubricants
- Metalworking

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number, mg KOH/g	AQCM 001	185 - 195	186
Color, Gardner	AQCM 002	3 Maximum	<1
Moisture, %	AQCM 008	0.2 Maximum	0.05
Saponification Number, mg KOH/g	AQCM 019	186 - 198	189
Iodine Number, cg I/g	AQCM 009	8 Maximum	6
Titer, °C	AQCM 200	10 Maximum	5

*Kraton test methods are available upon request

Contact us:
Almere (NL): +31 (0)36 54 62 800
Savannah (US): + 1 (912) 238-6439
Shanghai (CN): + 86 21 6434 8898
www.kraton.com

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SOLUBILITY	CENTURY 1107 Isostearic Acid is soluble in alcohols, aromatics, esters and ketones and insoluble in water.
COMPATIBILITY	CENTURY 1107 Isostearic Acid is compatible with other liquid fatty acids and vegetable oils.
PACKAGING	CENTURY 1107 Isostearic Acid is delivered as a liquid in tank trucks, tank cars (subject to availability), or 55-gallon (400 lb.), lined, 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. If correctly stored then a CENTURY 1107 will have a shelf life of 12 months from data of production.

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