

CENTURY™ 1224 Stearic Acid

PRODUCT DATA SHEET

CENTURY 1224 Stearic Acid is a saturated fatty acids product containing approximately 70% C-18 stearic acid with typically 23% methyl branched C-18 saturated acids.

FEATURES

- Technical Grade
- Derived from renewable vegetable source

APPLICATIONS

- Lubricants and greases
- Candles
- Rubber compounding

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number, mg KOH/g	AQCM 001	185 Minimum	195
Color, Gardner	AQCM 002	3 Maximum	1
Moisture	AQCM 085	0.25 Maximum	0.1
Iodine Number, cg I/g	AQCM 009	5 Maximum	2
Titer, °C	AQCM 200	60 Minimum	64

*Kraton test methods are available upon request

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SOLUBILITY	CENTURY 1224 Stearic Acid is slightly soluble in alcohols, aromatics, esters and ketones and insoluble in water.
COMPATIBILITY	CENTURY 1224 Stearic Acid is compatible with other liquid fatty acids and vegetable oils.
PACKAGING	CENTURY 1224 Stearic Acid as flaked solid in 50LB multiwalled bags or as molten bulk in tank trucks or tank cars.
STORAGE RECOMMENDATION	<p>Bag – Should be stored dry and below 25°C / 77°F and away from direct sun light.</p> <p>Bulk – Acid resistant stainless steel tank under an inert gas atmosphere above 150°C.</p> <p>Under correct storage conditions CENTURY 1224 will have a shelf life of 12 months from date of manufacture. The product must be retested after longer storage to ensure the properties are within specification limits.</p>

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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