

CENWAX® ME Methyl 12 Hydroxystearate

PRODUCT DATA SHEET

CENWAX ME methyl 12 hydroxystearate is a medium range melt point synthetic wax derived from castor oil.

FEATURES

- Vegetable-based product
- Light colored
- Resistant to oxidation, oil and water
- Excellent pigment wetting characteristics

POTENTIAL APPLICATION

- As a source of 12-Hydroxystearic acid in the manufacture of multipurpose lithium and calcium greases
- Internal lubricant and processing aid for butyl rubber

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number	AQCM 001	8 Maximum	5
Moisture, %	AQCM 085	0.25 Maximum	0.1
Saponification Number	AQCM 019	175 - 180	176
Iodine Number	AQCM 009	4 Maximum	2.7
Melting Point, °C	AQCM 112	49 - 51	51
Color, 1" Lovibond Molten	AQCM 087	5Y/2R Max	1Y/0.4R
Hydroxyl Value	ACQM 106	160 Minimum	167

*Kraton test methods are available upon request

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SOLUBILITY	Cenwax ME is soluble in alcohols. Insoluble in water and limited solubility in organic solvents
COMPATIBILITY	Cenwax ME is compatible with many resins and waxes
PACKAGING	Cenwax ME is delivered as a flaked solid in 50LB multiwall bags or as molten in tank trucks or tank cars
STORAGE RECOMMENDATION	Cenwax ME has a shelf life of 1 year from the date of manufacture when stored properly, cool and dry in sealed containers. The product must be retested after longer storage to ensure the properties are within specification limits.

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