

UNIDYME™ 14 Dimer Acid

PRODUCT DATA SHEET

UNIDYME 14 Dimer Acid is a high purity, long chain (C-36) dimerized fatty acid with low Monomer and Polymer acid content.

FEATURES

- Long chain fluid
- High molecular weight dibasic acid
- 100% Bio-based reactant

APPLICATIONS

- Ink Polyamides
- Hot Melt Polyamides for Adhesives
- Polyester Resins
- Curing agents

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number, mg KOH/g	AQCM 001	193 - 198	194
Color, Gardner	AQCM 002C	5 Maximum	4
Monomer Acids by GC, %	AQCM 126	0.3 Maximum	0.2
Dimer Acids by GC, %	AQCM 126	92.7 – 97.0	95
Polymer Acids by GC, %	AQCM 126	3.0 – 7.0	5
Moisture, %	AQCM 008	0.25 Maximum	0.1

*Kraton test methods are available upon request

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SOLUBILITY	UNIDYME 14 Dimer Acid is soluble in alcohols, aromatics, esters and ketones and insoluble in water.
COMPATIBILITY	UNIDYME 14 Dimer Acid is compatible with other liquid fatty acids and vegetable oils.
PACKAGING	UNIDYME 14 Dimer Acid is delivered as a liquid in totes, tank trucks, tank cars (subject to availability), or 410 lb. steel drums.
STORAGE RECOMMENDATION	UNIDYME 14 Dimer Acid 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. Since color changes of >1 Gardner units can be seen over time due to oxygen or heat exposure, testing of product in applications sensitive to color is recommended prior to use.

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