

UNIDYME™ 35 Dimer Acid

**PRODUCT DATA
SHEET**

UNIDYME 35 Dimer Acid is a fluid, long chain (C-36) dimerized fatty acid.

FEATURES

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

APPLICATIONS

- Corrosion Inhibitors
- Synthetic Lubricants
- Rheology Modifiers

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number, mg KOH/g	AQCM 001	181 Minimum	192
Color, Gardner	AQCM 002A	14 Maximum	9
Monomer Acids by GC, %	AQCM 126	4.0 Maximum	1.6
Dimer Acids by GC, %	AQCM 126	71 – 85	81
Polymer Acids by GC, %	AQCM 126	15 - 25	17
Moisture, %	AQCM 008	0.25 Maximum	0.1

*Kraton test methods are available upon request

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SOLUBILITY	UNIDYME 35 Dimer Acid is soluble in alcohols, aromatics, esters and ketones and insoluble in water.
COMPATIBILITY	UNIDYME 35 Dimer Acid is compatible with other liquid fatty acids and vegetable oils.
PACKAGING	UNIDYME 35 Dimer Acid is delivered as a liquid in totes, tank trucks, tank cars (subject to availability), or 410 lb. steel drums.
STORAGE RECOMMENDATION	UNIDYME 35 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.

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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