

Tetradecanedioic Acid

DC 14

1,14-Tetradecanedioic Acid / $\text{HO}_2\text{C} - (\text{CH}_2)_{12} - \text{CO}_2\text{H}$



DESCRIPTION

DC 14 is a long chain dicarboxylic acid, which comes as a highly pure substance in powder or flake form.

$\text{HO}_2\text{C} - (\text{CH}_2)_{12} - \text{CO}_2\text{H}$ · CAS-Nr.: 821-38-5



EXAMPLES FOR APPLICATION:

- Polyamides
- Polyesters
- Fibers
- Adhesives
- Powder Coatings
- Crosslinkers



SPECIFICATIONS OF DC14R:

	Test method	QC Specification
Appearance	Visual inspection	White powder or flake
Total acid (%)	Acid-base titration	≥ 99.0
Purity (%)	Gas chromatography	≥ 98.5
Melting range (°C)	DIN EN ISO 3146	125.0 – 128.0
Water content (%)	Vacuum drying	≤ 0.4
Ash content (ppm)	Ignition	≤ 20
Total N (ppm)	Kjeldahl method	≤ 60
Iron (ppm)	AAS	≤ 2
Transmission at 440nm and 550nm (%)	Spectrophotometer	96/98
Molecular weight	---	258



PACKING INFORMATION

- 25 kg Plastic bags
- 500 kg or 1000 kg Big bags



SHIPPING INFORMATION

- DOT Shipping Name: Tetradecanedioic Acid
- DOT Hazard Classification: Not regulated
- Freight Classification: Tetradecanedioic Acid

DISCLAIMER

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