

# Dodecanedioic Acid

## DC 12

**1,12-Dodecanedioic Acid /  $\text{HO}_2\text{C} - (\text{CH}_2)_{10} - \text{CO}_2\text{H}$**



### DESCRIPTION

DC 12 is a long chain dicarboxylic acid, which comes as a highly pure substance in powder or flake form.

$\text{HO}_2\text{C} - (\text{CH}_2)_{10} - \text{CO}_2\text{H}$  · CAS-Nr.: 693-23-2



### EXAMPLES FOR APPLICATION:

- Polymers
- Fibers
- Adhesives
- Lubricants
- Corrosion inhibitors
- Powder Coatings
- Crosslinkers
- Fragrances



## SPECIFICATIONS OF DC12R:

	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	129.0 – 131.0
Water content (%)	Vacuum drying	≤ 0.3
Iron (ppm)	AAS	≤ 2
Ash content (ppm)	Ignition	≤ 20
Transmission at 440nm and 550nm (%)	Spectrophotometer	96/98
Colour (mg Pt/l)	DIN ISO 6271	≤ 10
Molecular weight	---	230



### PACKING INFORMATION

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



### SHIPPING INFORMATION

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

## DISCLAIMER

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