

Dodecanedioic Acid (DC12S)

Applications

Polyamide & Polyester Resins	Corrosion Inhibitors for Metalworking Fluids
Hot Melt Adhesives	Powder Coating
Lubricants	Fragrances and Flavors

General Information

Formula	HOOC(CH ₂) ₁₀ COOH
CAS Number	693-23-2
EINECS Number	211-746-3
Harmonized Number	2917-19-7050
Molecular Weight	230

Specification

Appearance	White powder
Total Dibasic Acids (wt. %)	>99.0
Dodecanedioic Acid (wt. %)	>98.5
Monobasic Acids (wt. %)	< 0.06
Melting Point (°C)	129-131
Water (wt. %)	<0.4
Ash (ppm)	<20
Iron (ppm)	<2
Nitrogen (ppm)	<34
Color (440nm/550nm) (T%)	>96/≥98

Shipping Information

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