

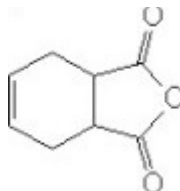
THPA-d4

Tetrahydrophthalic Anhydride

Description

THPA-d4 is mainly used as a hardener for epoxy resins and a building block for polyester resins. It can also be used as a chemical intermediate for plasticizers and adhesives. It yields light-colored alkyd polyester and unsaturated resins. In addition, THPA-d4 can be used as an intermediate for pesticides and agrochemicals.

Chemical Name: Tetrahydrophthalic anhydride
 Molecular Formula: C₈H₈O₃
 Molecular Weight: 152.2
 CAS Number: 85-43-8



Specifications

Appearance	White Flakes or Clear Liquid
Color in Molten State (Hazen)	50 Max.
Solidification Point °C	100.5 Min.
% Acid Content	1.0 Max.
% Purity	99.5 Min.
% Maleic Anhydride Content	0.05 Max.
Ash, ppm	10 Max.
Iron, ppm	1 Max.

Properties

Density @120°C, g/ml	1.170
Viscosity @120°C, cps	5.50
Vapor Pressure @120°C, mmHg	3.0

Packaging and Storage

THPA-D4 is available in 25 Kg polyethylene bags and 500 Kg supper sacks.

It must be stored away from open flames or other potential ignition sources and should be protected from moisture.

Shelf Life: 6 months from production date.

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