



Technical Data Sheet

Tetrahydrophthalic Anhydride(THPA)

INTRODUCTION

Chemical Name: cis-1,2,3,6-Tetrahydrophthalic anhydride,
Tetrahydrophthalic anhydride,
cis-4-Cyclohexene-1,2-dicarboxylic anhydride, THPA.
CAS No.: [85-43-8]

PRODUCT SPECIFICATION

Appearance:	White Flakes
Melted Color, Hazen:	80 Max.
Content,%:	99.0 Min.
Melting point, °C :	100±2
Structure Formula:	C ₈ H ₈ O ₃

PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical State(25°C):	Solid
Appearance:	White Flakes
Molecular Weight:	152.16
Melting Point:	100±2°C
Flash Point:	157°C
Specific Gravity(25/4°C):	1.20
Water Solubility:	decomposes
Solvent Solubility:	Slightly Soluble: petroleum ether Miscible: benzene, toluene, acetone, carbon tetrachloride, chloroform, ethanol, ethyl acetate

APPLICATIONS

Coatings, epoxy resin curing agents, polyester resins, adhesives, plasticizers, pesticides, etc.

PACKING

25 kg/bag, 500kg /bag

STORAGE

Store in cool, dry places and keep away from fire and moisture.