



NAN YA

## 四氫酞酐

### THPA (Tetra Hydro-Phthalic Anhydride)

#### 說明 Description

THPA由馬來酸酐和1, 3-丁二烯經由Diels-Alder縮合反應而成，主要作為不飽和樹脂和醇酸樹脂的改質劑，可改善樹脂的空乾性、光澤性及密著性，提高製品品質。

THPA is produced via Diels-Alder condensation with maleic anhydride and 1, 3-butadiene. THPA is mainly used as a modifier for unsaturated polyester and alkyd resin. It can improve the quality of resins with regard to their reactivity in the presence of air and their light fastness.

#### 規格 Specifications

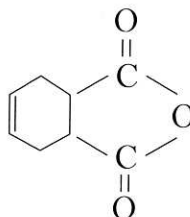
熔融色相 Molten Color	APHA	≤ 40
凝固點 Solidification Point	°C	< 100
殘酸量 Free Acid Content	Wt %	< 1.0
純度 Purity	Wt %	≥ 99.5

#### 物性 Physical Properties

分子式 Molecular Formula

$C_8H_8O_3$

構造式 Structural Formula



分子量 Molecular Weight	g/mole	152.2
比重 Specific Gravity	140/20°C	1.15
沸點 Boiling Point	( 6.7kPa )	°C 195
閃火點 Flash Point		°C 157

THPA具有潮解性，儲存時應遠離水氣，容器開封後應盡快使用。

( THPA is hygroscopic and should be protected from light and moisture.

#### 包裝 Packing

25公斤袋裝, 500公斤太空包裝

25 Kg bags, 500Kg jumbo bags

#### 用途 Usage

- 不飽和聚酯樹脂、醇酸樹脂的改質劑。
- 環氧樹脂硬化劑、可塑劑、接著劑、...等。
- As a modifier for unsaturated polyester and alkyd resin.
- Epoxy resin curing agents、Plasticizers、Adhesives、...etc.

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