



NAN YA

1,2環己烷二羧酸異辛酯

DHEH 1,2-Cyclohexane Dicarboxylic Acid,
Di-2-Ethylhexyl Ester

說明 Description

DHEH由鄰苯二甲酸二異辛酯氫化而成。是非鄰苯二甲酸酯可塑劑。DHEH與DHIN兩者之間的加工特性區別，在許多方面類似如DEHP與DINP。與DHIN比較，其可塑化效率及延伸率較佳。適用於食品包裝材、兒童玩具、醫療器材及吹氣塑膠製品。

DHEH is produced by the hydrogenation of Di(2-ethylhexyl)phthalate (DEHP). It is a non-phthalate plasticizer. Although DHEH and DHIN differ in their processing characteristics, DHEH is similar to DEHP and DINP in many ways. When compared to DHIN, its plasticizing efficiency and elongation are better. It is suitable for food wrapping, toys, medical devices, and plastic inflatable products.

CAS No.: 84-71-9

認證 Certificates

專利 Patent

CN 102153469 B, US 8,653,296 B2, TW I414513 B,
21 CFR 175.105正面表列 (Positive List)

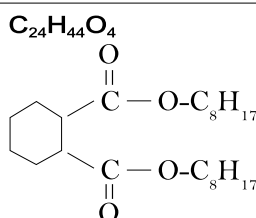
FDA

規格 Specifications

色 相	Color	APHA	25	Max
酸 價	Acid Value	mg KOH/g	0.05	Max
酯 含 量	Ester Content	Wt %	99.50	Min
加 熱 減 量	Heating Loss 125°C ± 3°C x 3hr	Wt %	0.10	Max
比 重	Specific Gravity 20/20°C		0.958 ± 0.003	
折 射 率	Refractive Index 25°C		1.460 ± 0.003	
水 份	Water Content	Wt %	0.05	Max
鄰苯二甲酸酯	Phthalates Content	Wt %	0.015	Max

物性 Physical Properties

分子式 Molecular Formula
構造式 Structural Formula



分子量	Molecular Weight	g/mole	396.6
沸 點	Boiling Point (~7.5mmHg)	°C	240~250
閃火點	Flash Point	°C	197
粘 度	Viscosity (30°C)	cps	27
流動點	Freezing Point	°C	-50

包裝 Packing

Bulk Shipment
ISO-TANK
液袋或200kg鐵桶

Bulk Shipment
ISO-TANK
Flexibag or 200kg Metal Drum

用途 Usage

- 食品包裝材
- 兒童玩具
- PVC可塑糊
- 醫療器材
- 非鄰苯二甲酸酯塑膠製品...等。

- Food packaging material
- Children Toys
- PVC Plastics
- Medical devices
- Non-phthalate Plastic Products/ Articles,... etc.

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