



NAN YA

鄰苯二甲酸二(2-丙基庚基) 酯 DPHP Di-(2-Propylheptyl) Phthalate

說明 Description

DPHP是由2-丙基庚醇與鄰苯二甲酸酐酯化而成。DPHP是一種高性能和多用途的鄰苯二甲酸酯可塑劑。與PVC的相容性高，有出色的可塑化效率、低移行性、良好的耐熱性。DPHP揮發性低及霧化量少，適用於汽車內飾。還有良好的絕緣阻抗性能，亦適用於電線和電纜塑膠製品。

DPHP is produced by esterifying 2-Propyl heptanol and Phthalic anhydride. DPHP is a phthalate ester plasticizer with high-performance and wide range of applications. It is highly compatible with PVC, and has excellent plasticizing efficiency, low migration, excellent heat-resistance. DPHP has low volatility and low fogging, which is used for automotive interior. Its excellent electric resistivity property is also used for wire and cable plastic products.

CAS No. : 53306-54-0

規格 Specifications

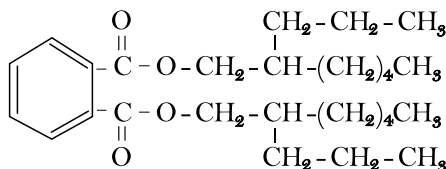
色 相 Color	APHA	25	Max
酸 價 Acid Value	mg KOH/g	0.05	Max
酯 含 量 Ester Content	Wt %	99.6	Min
加熱減量 Heating Loss	125°C ± 3°C x 3hrs	Wt %	0.10
絕緣阻抗 Volume Resistivity	30°C	Ω-cm	3.0 × 10 ¹¹
比 重 Specific Gravity	20/20°C		0.964 ± 0.003
折 射 率 Refractive Index	25°C		1.482 ± 0.003
水 份 Water content	Wt %	0.05	Max

物性 Physical Properties

分子式 Molecular Formula

C₂₈H₄₆O₄

構造式 Structural Formula



分子量 Molecular Weight

g/mole 446

沸 點 Boiling Point (760mmHg)

°C 425

閃火點 Flash Point

°C 232

粘 度 Viscosity (30°C)

cps 64

流動點 Freezing Point

°C -48

包裝 Packing

Bulk Shipment

Bulk Shipment

ISO-TANK

ISO-TANK

液袋或200kg鐵桶

Flexibag or 200kg Metal Drum

用途 Usage

- 電線電纜 • 膠皮膠布 • 手套 • 鞋子 • 汽車內飾
- 建材 • PVC可塑糊等。

- Wires & Cables • Leather & Clothes • Gloves
- Shoes • Construction Materials • Automotive interior
- PVC Plastics, etc.

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