



NAN YA

1,2環己烷二羧酸異壬酯

DHIN 1,2-Cyclohexane Dicarboxylic Acid, Di-Isononyl Ester

說明 Description

DHIN由鄰苯二甲酸二異壬酯氫化而成。是非鄰苯二甲酸酯可塑劑。DHIN具有低移行性，且適合於敏感性應用，特別是食品包裝材、密封材、兒童玩具、醫療器材及吹氣塑膠製品。

DHIN is produced by the hydrogenation of Di-Isononyl phthalate(DINP). It is a non-phthalate plasticizer. DHIN has low migration and is suitable for sensitive applications, particularly food wrapping, sealing, toys, medical devices, and plastic inflatable products.

CAS No.: 166412-78-8 Europe and Asia ,
474919-59-0 USA and Canada

認證 Certificates

專利 Patent
日本食品衛生 JHPA

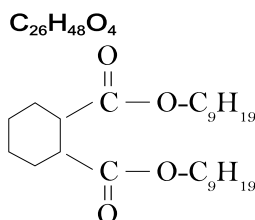
CN 102153469 B, US 8,653,296 B2, TW I414513 B,
J-8229

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°Cx3hr | Wt % | 0.10 |
| 比重 | Specific Gravity | 20/20°C | | 0.952±0.003 |
| 折光率 | Refractive Index | 25°C | | 1.461±0.003 |
| 水份 | Water Content | | Wt % | 0.05 |
| 鄰苯二甲酸酯 | Phthalates Content | | Wt % | 0.01 |

物性 Physical Properties

分子式 Molecular Formula
構造式 Structural Formula



| | | | |
|-----|------------------|------------|--------|
| 分子量 | Molecular Weight | g/mole | 425 |
| 沸點 | Boiling Point | (760 mmHg) | °C 394 |
| 閃火點 | Flash Point | | °C 224 |
| 粘度 | Viscosity | (30°C) | cps 36 |
| 流動點 | Freezing Point | | °C -54 |

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

- 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 Plasticsols
- Non-phthalate Plastic Products / Articles,... etc.

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