



NAN YA

己二酸二異辛酯 DOA Di-(2-Ethylhexyl) Adipate

說明 Description

DOA是由異辛醇與己二酸酯化而成，是非鄰苯二甲酸酯可塑劑。DOA具備良好的低溫性質與PVC糊的特徵，且為使用量最大的耐寒可塑劑；在柔軟度相當的成品中，DOA的揮發率比DEHP高。DOA具有較低的絕緣阻抗，因此符合反靜電加工產品，如輸送帶、地板材料等。

DOA is produced by esterifying 2-Ethylhexanol and Adipic acid; it is a non-phthalate plasticizer. DOA has excellent low temperature and PVC paste resin characteristics. Its consumption is the highest among all cold-resistant plasticizers. When comparing the flexibility of finished products, DOA's volatility is greater than that of DEHP. DOA has a lower electric resistivity, which makes it suitable for the manufacturing of anti-static processed products, such as conveyor belts, floor materials, etc.

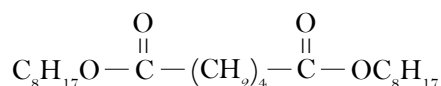
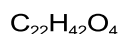
CAS No.: 103-23-1

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 %	99.5	Min
加 熱 減 量 Heating Loss	125°C±3°C×3hrs	Wt%	0.20	Max
比 重 Specific Gravity	20/20°C		0.927±0.003	
折 射 率 Refractive Index	25°C		1.445±0.003	
水 份 Water Content		Wt %	0.05	Max
加熱後酸價 Acid Value After Heating	125°C±3°C×3hrs	mg KOH/g	0.20	Max

物性 Physical Properties

分子式 Molecular Formula
構造式 Structural Formula



分子量 Molecular Weight		g/mole	371
沸 點 Boiling Point	(760mmHg)	°C	335
閃火點 Flash Point		°C	205
粘 度 Viscosity	(30°C)	cps	10
流動點 Freezing Point		°C	-68

DOA,DINA包裝 DOA,DINA Packing

Bulk Shipment
ISO-TANK
液袋或190kg鐵桶

Bulk Shipment
ISO-TANK
Flexibag or 190kg Metal Drum

用途 Usage

- 電線電纜 • 膠皮膠布 • 手套 • 鞋子
- 建材 • PVC可塑糊 • 潔美膠膜等。

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

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