



NAN YA

鄰苯二甲酸二丁酯 DBP Di- Butyl Phthalate

說明 Description

DBP由正丁醇與鄰苯二甲酸酐酯化而成。DBP與PVC的相容性良好，可塑化效率高。低劑量即可達到相當的柔軟性，是一種泛用的一次可塑劑，常做為膠化促進劑之用，其缺點為揮發性高，成型時重量損失大。耐老化性差，耐寒性不佳，電氣阻抗差，耐久性差；易移行，低溫急速脆化，溶劑抽出性高。

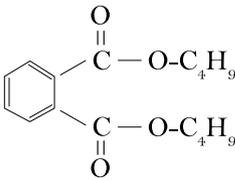
DBP is produced by esterifying Butanol and Phthalic anhydride. DBP has excellent compatibility with PVC and has excellent plasticizing efficiency. A considerably low dosage is sufficient to achieve satisfactory flexibility. It is a general plasticizer and often used as a gelation agent. However, its higher volatility causes great loss during compounding, and its aging resistance, cold resistance, electric resistivity, and durability are poor. Furthermore, it easily migrates and suffers embrittlement at low temperatures, and its solvent extractability is high.

CAS No.: 84-74-2

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
水 份 Water content	Wt %	0.05	Max
加熱減量 Heating Loss	125°C ± 3°Cx3hr	Wt %	1.0
比 重 Specific Gravity	20/20°C		1.048 ± 0.003
折 射 率 Refractive Index	25°C		1.491 ± 0.003

物性 Physical Properties

分子式 Molecular Formula		$C_{16}H_{22}O_4$	
構造式 Structural Formula			
分子量 Molecular Weight		g/mole	278
沸 點 Boiling Point	(760mmHg)	°C	340
閃火點 Flash Point		°C	187
粘 度 Viscosity	(30°C)	cps	13
流動點 Freezing Point		°C	-35

包裝 Packing

ISO-TANK	ISO-TANK
200kg鐵桶	200kg Metal Drum
IBC桶	IBC container

用途 Usage

- 水管 • 塑膠板 • 塗料 • 地磚
- 聚醋酸乙烯酯接著劑等。
- Hoses • Plastic Plates • Paints
- Flooring Tiles • Poly-VinylAcetate adhesives, etc

聯絡人 Contact :

賴宏昇 Horng-Sheng Lai +886 2 2712 2211 EXT.5721
eapublic@npc.com.tw
林訓民 Fred Lin +886 2 2712 2211 EXT.5723
fredlin@npc.com.tw

南亞塑膠工業股份有限公司
NAN YA PLASTICS CORPORATION
化工第一事業部 · PETROCHEMICAL 1ST. DIV.
台北市敦化北路201號 電話：(02) 2712-2211 EXT 8127
201, TUN HWA N. ROAD, TAIPEI, TAIWAN, R.O.C.
TEL : (886-2) 2712-2211 EXT 8127 FAX : (886-2) 2717-8534