



911P

Di-(C9-C11)phthalate

說明 Description

911P 是由 C₉ ~ C₁₁ 混合醇與 Phthalic Anhydride 酯化而成。911P 具有低揮發性與優良的耐寒特性，其耐寒效果相當於 DEHP/DOA 以 60/40Wt% 混合。在耐熱電線電纜方面，911P 表現出持久的機械性質及良好的耐寒性。同時 911P 與 TOTM 混合後可提供一套較經濟的方法來符合美國 UL 62 105°C 電纜要求。由於 911P 的低揮發性特別被推薦使用於 "non fogging 產品"，如皮衣、汽車彈簧墊等。

911P is produced by esterifying C₉~C₁₁ mixed alcohol and Phthalic Anhydride. 911P has low volatility and excellent cold resistance. Its cold resisting effect is equivalent to that of DEHP/DOA mixture at 60/40WT%. With respect to heat resisting wire and cable, 911P shows durable mechanical characteristics and excellent cold resistance. Besides, by mixing 911P with TOTM, it is possible to provide a more economical way to meet USA's cable requirement UL 62 105°C class. 911P's low volatility is especially recommendable for application to "non-fogging" products as leather coat and car spring cushion, etc.

規格 Specifications

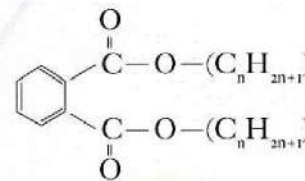
色相 Appearance		APHA	25	MAX
比重 Specific Gravity	20/20°C		0.965±0.005	
折射率 Refractive index	25°C		1.481±0.003	
酸價 Acid value		mgKOH/g	0.10	MAX
水份 Moisture		Wt%	0.10	MAX
加熱減量 Heating loss	125±3°C × 3hrs	Wt%	0.30	MAX

物性 Physical Properties

分子式 Molecular Formula

$C_6H_4(COOC_nH_{2n+1})_2$, n = 9~11

構造式 Structural Formula



分子量 Molecular Weight

g/mole 454

沸點 Boiling Point (760 mmHg)

°C 280

閃火點 Flash Point

°C 220

粘度 Viscosity (30°C)

cps 83

流動點 Freezing point

°C -18

用途 Usage

1. 電線電纜
2. 膠皮膠布
3. 手套
4. 鞋子
5. 建材
6. PVC 可塑糊...等

1. Wires & Cables
2. Leather & Clothes
3. Gloves
4. Shoes
5. Construction materials
6. PVC Plastics ...etc.