



NAN YA

異壬醇 INA Isononanol

說明 Description

異壬醇(INA)是由辛烯進行甲醯化反應，再經由氫化反應及蒸餾精餾等過程而產生，辛烯則由丁烯經由雙聚合反應形成。異壬醇是無色具特殊氣味的可燃性液體，微溶於水，可與多數有機溶劑互溶。

INA is produced from octene via formylation, hydrogenation, distillation, and refinement. The octene is formed by the dimerization of butene. INA is an odorous, flammable, and colorless liquid. It is only slightly soluble in water, but soluble in many organic solvents.

CAS No.:027458-94-2、68515-81-1

規格 Specifications

比重	Specific Gravity	20/20°C		0.832~0.840
純度	Purity		Wt %	≥ 99.5
色相	Color		APHA	≤ 10
硫酸色相	Sulfuric Acid Color		APHA	≤ 30
水份	Water Content		Wt %	≤ 0.05
酸價	Acid Value		mg KOH/g	< 0.01

物性 Physical Properties

分子式	Molecular Formula	$C_9H_{19}OH$		
構造式	Structural Formula	$C_9H_{19}OH$ 異構物(Isomer): 含甲基和/或乙基支鏈之結構 (Contains various methyl and/or ethyl branching patterns)		
分子量	Molecular weight		g/mole	144
沸點	Boiling point		°C	199~210
凝固點	Solidifying point		°C	< -75
閃火點	Flash point		°C	80~96
比重	Specific Gravity	20/20°C		0.83
蒸汽壓	Vapor pressure	20°C	hpa	0.119~0.026
折射率	Refractive index	25°C		1.429
黏度	Viscosity	20°C	cps	13

包裝 Packing

Bulk Shipment	Bulk Shipment
ISO-TANK	ISO-TANK
液袋	Flexibag

用途 Usage

- 鄰苯二甲酸二異壬酯、己二酸二異壬酯、偏苯三酸三異壬酯之原料
- 安定劑及潤滑劑
- Raw material for DINP(Di-Isononyl Phthalate)、DINA (Di-Isononyl Adipate)、TINTM(Tri-Isononyl Trimellitate)
- Stabilizers and Lubricants

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