

## DINP (Di Iso Nonyl Phthalate )

### Description/Applications

DINP is a monomeric primary plasticizer of medium molecular weight and fine performance. It has been developed to fulfill the need for an economical plasticizer in formulations which require very low volatility and good permanence characteristics. Mostly used in PVC, chlorethylene polymer, cellulose nitrate ,ethyl cellulose and synthetic rubber. This product is widely used in vinylic compounds including wires, cables and plastisols

Specifications	Unit	Values
Ester content	% CG	99.0 min
Density , (20/4 °C)		0.970 – 0.979
Color	Pt / Co	30 max
Free Acidity	mg KOH / g	0.10 max
Water	% Weight	0.10 max

- This product is guaranteed since it is stored and packaged as described below.

Physical Properties	Unit	Values
Chemical formula		$C_{26}H_{42}O_4$
Molecular weight		418
Refractive index, 20 °C		1.480 – 1.486
Flash point (closed vessel)	°C	220
Viscosity, 20 °C	cP	100 - 110
Physical state		Liquid

- The properties' values above are just for reference, and not to be considered as guaranteed parameters.

### PACKAGING :

**Bulk** : in closed tank cars made of stainless steel, aluminum or strength plastic.

### STORAGE :

**Bulk** : in closed tanks. In a dry, cool and airy environment, in covered area, away from possible sources of heat, flame and incompatible materials (strong oxidizing agents, alkalis and acids).