

DINP(Diisononyl phthalate)

TECHNICAL DATA SHEET



Chemical Formula : C₂₆H₄₂O₄

Cas No.28553-12-0

▪ Description

DINP is a nearly colorless, clear and practically anhydrous oily liquid. It is soluble in the usual organic solvents like ethyl alcohol, acetone, toluene. DINP is almost insoluble in water.

▪ Applications

DINP is miscible and compatible with all of the monomeric plasticizers commonly used in PVC. So it can use mixed with the monomeric plasticizers in PVC formulation.

▪ Packaging

DINP has an almost unlimited shelf life when properly stored in closed containers at temperatures below 40 °C and the exclusion of humidity. Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

No.	ITEMS DESCRIBE	INDEX
01	Dynamic viscosity(20 °C),mPa· s	50 – 180
02	Specific gravity,20°C/20°C,	0.975±0.003
03	Color,APHA	30 max
04	Refractive index,nD25	1.485±0.003
05	Acid value,mg KOH/g	0.03 max
06	Purity,Area %	99.5 min
07	Volatility content,Weight %	0.1 max