

# Diethyl Phthalate (DEP)

## TECHNICAL DATA SHEET

Chemical Formula :  $C_{10}H_{10}O_4$

Cas No. 117-81-7



### Description

It is a colorless and high-boiling liquid. DEP is highly stable to light and soluble in most solvents.

### Applications

DEP is the most commonly used PVC plasticizer. It also has a good compatibility with cellulose nitrate.

### Packaging

Packed in 200 kg drum

No.	ITEMS DESCRIBE	INDEX
01	Color (APHA)	25 MAX
02	Acid Value (mgKOH /g)	0.05 MAX
03	Water Content (wt%)	0.05 MAX
04	Volume Resistivity ( $\Omega$ -cm, 30°C)	$0.5 \times 10^{11}$ MIN
05	Specific Gravity (20/20°C)	0.986±0.003
06	Refractive Index (25°C)	1.485±0.003
07	Ester Content (wt%)	99.6 MIN
08	Heating Loss (wt%, 125°C×3hrs)	0.10 MAX