

Diethyl Phthalate DEP CAS 84-66-2

1, The chemical formula and molecular weight

Chemical formula: C₁₂H₁₄O₄

Molecular Weight: 222.24

CAS: 84-66-2

2, properties and uses

Colorless transparent oily liquid with a slightly aromatic fragrance. Viscosity of 13 cps (20 °C), refractive index 1.499 ~ 1.502 (20 °C).

The product with vinyl resins, cellulose resins, etc. Most have good compatibility. Often as a cellulose resin plasticizer, has good low temperature flexibility and durability. And DMP and used products can improve water resistance and elasticity.

This product is also used as a spice diluents, lubricants, gas chromatography stationary phase and the like.

Product	
Product name	Diethyl phthalate
Synonyms	1,2-Benzenedicarboxylic acid diethyl ester
EINECS	201-550-6
CAS No.	84-66-2
Molecular formula	C ₁₂ H ₁₄ O ₄
Molecular weight	222.24
Specifications	
Appearance	Colorless clear liquid
Refractive index	n ₂₀ /D 1.502(lit.)
Density	1.12 g/mL at 25 °C(lit.)
Melting point	-3 °C(lit.)
Boiling point	298-299 °C(lit.)
Assay	99%+
Others	
Packing	1kg 25kg 100kg or as requested
Application	Used as plasticizer, solvent



