



Diisodecyl adipate (DIDA)

English name: diisodecyl adipate (DIDA)

Chinese alias: diisodecyl adipate

CAS RN: 27178-16-1

EINECS: 248-299-9

Subtype: C26H50O4

Subsize: 426.6728

Nature and use

Diisodecyl adipate is a colorless viscous liquid. Solubility in water (25 ° C), soluble in most organic solvents and hydrocarbons, insoluble or slightly soluble in glycerol. Is a kind of cold resistance, compatibility is very good plasticizer

Density: (25°C) : 0.916g/cm³

Freezing point: - 50°C

Boiling point: 385°C

Flash point: 221°C

Ignition point; 271 °C

Viscosity: (20°C) 128mPa.S

Refractive index: n; 1.4846

Expansion coefficient: 0.00074/°C (10°C-40°C)

Reference quality standard

Index name	index
appearance	Colorless viscous liquid
Color number ≤	50
Ester content % ≥	99.0
Acid value (KOH mg/g) ≤	0.15

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Moisture (wt) % ≤	0.1
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