



DPHP

Di (2-propylheptyl) phthalate

Di (2-propylheptyl) phthalate (DPHP)

Molecular Formula: $C_{28}H_{46}O_4$

Molecular weight: 446.66

CAS No.: 53306-54-0

Core function:

As a plasticizer for PVC and other polymers, it provides excellent flexibility, heat resistance, weather resistance and electrical insulation.

Application field:

- Insulating layer and sheath of wire and cable
- Automobile interior and parts
- Industrial and building plastic products (such as pipes and floor materials)
- Medical equipment (partial compliance application)
- Adhesives and sealants

Performance advantages:

Compared with traditional plasticizers (such as DEHP), DPHP has lower volatility and better migration resistance, which conforms to the trend of modern environmental protection and safety standards.

Package:

Flexi bag; 200kg/drum; ISO tank.

DATA SHEET

Items	Specification	Results	Unit of Measure
Content	99.50min	99.93	%
Moisture	0.10max	0.05	%
Relative Density	0.961± 0.004	0.962	20°C (g/cm ³)
Flash point	210min	216	°C
Color	25 max	20	(Pt-Co)
Acid value	0.05max	0.01	mgKOH/g
Volume resistivity	1.0min	1.9	23°C (×10 ¹² Ω .cm)
Appearance	Colorless transparent liquid		