



DINGNUO POLYMER TECHNOLOGY GROUP CO., LTD

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BIS(2-PROPYLHEPTYL) PHTHALATE (DPHP)

PROPERTY:

DPHP is a **C10** phthalate plasticizer, appearing as a colorless, transparent oily liquid with good compatibility with PVC. It provides high plasticizing efficiency comparable to DINP. Compared with DINP, DPHP offers **improved heat resistance (90 °C), durability, migration resistance, and electrical insulation**. Compared with DIDP, it provides **comparable electrical insulation and anti-fogging properties**, better heat resistance, durability, and reduced fume generation during processing.

APPLICATION:

DPHP is particularly suitable for **automotive interior leather and outdoor PVC products** like film, hoses, leather, shoes, gaskets, and tapes. It is also widely used in electric cable and wire insulation and sheathing, and can **replace DIDP for UL 80°C-90°C ones**.

SPECIFICATION:

Item of Analysis	Unit	Value
Appearance		Transparent oily liquid
Color	Platinum-Cobalt No. ≤	25
Ester Content	% ≥	99.5
Flash Point	°C ≥	210
Water Content	% ≤	0.05
Acid Value	% ≤	0.05
Density	(20°C), g/cm ³	0.957-0.965

PACKING:

In iron drums, 200kg net weight per drum, total 80 drums (16MT) per 20' FCL, OR
In IBC tank, 950kg net weight per tank, total 20 tanks (19MT) per 20' FCL, OR
In flexibag, around 21-23MT per 20' FCL.

STORAGE/TRANSPORTATION:

If stored in tanks, purge N₂ to prevent moisture absorption.
If stored in drums, keep the container sealed when not in used.