

## YIPHOS<sup>®</sup> 2050 Technical Data Sheet

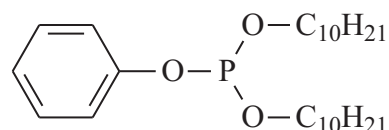
### Introduction

Diisodecyl phenyl phosphite

$C_{26}H_{47}O_3P$

Molecular weight: 439

CAS NO. : 25550-98-5



### Physical

Apperance	Clear liquid
Color(APHA)	≤50
Acid Value, mgKOH/g	≤0.5
Refractive Index(25°C)	1.4820-1.4860
Density, g/ml (25°C)	0.955-0.977

Solubility (g/100g solvent, 25°C)

Water: <0.1      Cyclohexane: >20      Toluene: >50

### Applications

YIPHOS<sup>®</sup> 2050 is mainly used as chelating agent for PVC. It can inhibit the color change and increase the oxidation resistance & light stability. It can improve the color and weatherability when working with the metal soap in PVC processing. In polyolefin, polystyrene and polyamide, YIPHOS<sup>®</sup> 2050 can be used as a secondary stabilizer. Furthermore, it has Ignition resistance and color stability in the polyurethane foam.