

YIPHOS[®] 2030

Technical Data Sheet

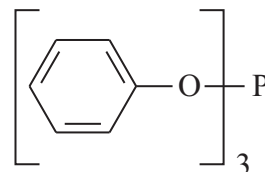
Introduction

Triphenyl Phosphite

$C_{18}H_{15}O_3P$

Molecular weight: 310

CAS NO. : 101-02-0



Physical

Appearance	Colorless liquid
Color(Pt-Co)	≤60
Freezing point, °C	19-24
Refractive Index(25°C)	1.5850-1.5900
Density, g/ml (25°C)	1.183-1.192

Solubility (g/100g solvent, 25°C)

Water: <0. 01 Esters: >5 Mineral oil: >5

TGA (°C, % mass loss)

Weight loss, %	5	10	50
Temperature, °C	155	167	207

Applications

YIPHOS[®] 2030 is mostly used as a chelating agent, it's widely used in all kinds of PVC products. It can make the products to keep its transparency and inhibit the change of color, at the same time it can increase the anti-oxidative ability and light & heat stability for the primary antioxidant. In addition, this product is also used in PE, PP, ABS, SBS and other products, and can be used as pesticide intermediates.