

PRODUCT INFORMATION

WESTON® PDDP Phosphite
Revised: 01-31-2007

Product Description

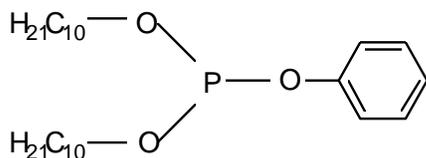
Phenyl Diisodecyl Phosphite

Formula: $C_{26}H_{47}O_3P$

Formula Weight: 438

Chemical Abstract No.: 25550-98-5

Structural Representation



Applications

WESTON PDDP phosphite is an alkyl-aryl phosphite which can be used as a color and processing stabilizer in ABS, polycarbonate, polyurethane, coatings, and PET fiber where regulatory approval for food contact is not required. It can also be used as a secondary stabilizer to improve color and heat stability in PVC.

Specifications

Appearance	Clear Liquid
Color (Pt-Co)	50 max.
Acid No. (mg KOH/g)	0.05 max.
Refractive Index @ 77°F (25°C)	1.4780-1.4810
Specific Gravity @ 25°C/15.5°C	0.938-0.947

Typical Properties

Viscosity [cps @ 100°F (38°C)]	12.0
Phosphorus Content (%)	7.1
Density (lb./gal. @ 25°C) (g/ml @ 25°C)	7.8 0.94
Vapor Pressure @ 5 mm Hg	374°F (190°C)
Flash Point (Pensky-Martens Closed Cup)	320°F (160°C)
Solubility	Soluble in most common aprotic organic solvents; insoluble in water.