

Antioxidant Plaox-626

Chemical Name: Bis (2,4-di-t-butylphenyl) Pentaerythritol Diphosphite

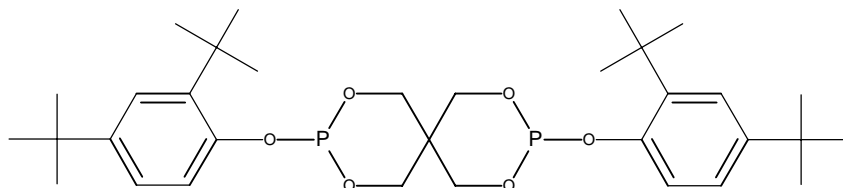
Equivalent: ULTRANOX 626 (Chemtura)

Molecular Formula: C₃₃H₅₀O₆P₂

Molecular Weight: 604

CAS No.: 26741-53-7

Structural formula:



PHYSICAL PROPERTIES

Appearance: White crystalline powder or grains

Melting range: 160 ~ 180 °C

Solubility (g/100g solvent), @20 °C

Water: insoluble

Toluene: soluble

Flash point: 168 °C

Specific gravity (g/cm³), @20 °C: 0.43

Dichloromethane: soluble

Alcohol: slightly soluble

SPECIFICATIONS

Appearance: White crystalline powder or grains

Melting point: 160 °C min

Volatile: 1.0% max

Acidity (mg KOH/g): 1.0 max

Free 2, 4-di-tert-butyl-phenol: 1.0% max

APPLICATIONS

Plaox-626 is a kind of high-effective solid phosphite ester antioxidant, which is superior to other phosphite ester in the effective protection of polymers' color. It is often blended with phenolic principal antioxidant (such as Plaox-1010) to prepare composite antioxidant which improves the thermo-stability of polymer processing, thus making it widely applied in PE, PP, PS, PA, PC, ABS and many other polymer materials.

PACKING

25kg/bag