

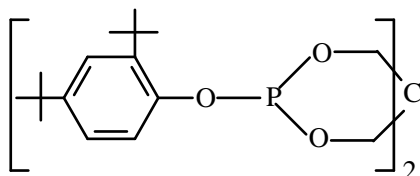
# SULFAMET

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## ANTIOXIDANT 626

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

**Structural Formula:**



**Molecular Formula:** C<sub>33</sub>H<sub>50</sub>O<sub>6</sub>P<sub>2</sub>

**Molecular Weight:** 604.69

**CAS No.:** 26741-53-7

**Properties:** This product soluble in organic solvents like toluene, dichloromethane, and slightly soluble in alcohols, insoluble in water. Flash point: 168□, kindling point: 421□, lower limit concentration of dust explosion: 0.12kg/m<sup>3</sup>.

**Specification:**

Item	Requirements
Appearance	White granule
Melting point, □	170.0~180.0
Volatilizing□80□□, %	Max. 1.0
Acidity, mg KOH/g	Max. 1.0
Content of 2,4-di-tert-butyl-phenyl, %	Max. 1.0
Assay, %	Min. 95.0

**Uses:** The product 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 SONOX 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. Reference dosage: 0.1% □ 0.3%.

**Package and Storage:** Paper-plastic composite bags or cardboard boxes or cardboard pails with aluminum foil liners, net weight 25kg, or according to customers' requirements. Because of the low performance on hydrolyzing resistance, protection from moisture and heat is needed. Period of validity□6 months.