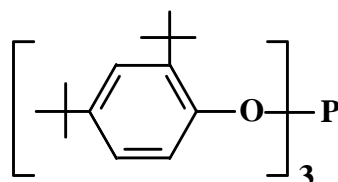


## ANTIOXIDANT 168

**Chemical Name:** Tris-(2,4-di-tert-butyl-phenyl)-phosphite

**Structural Formula:**



**Molecular Formula:** C<sub>42</sub> H<sub>63</sub> O<sub>3</sub> P

**Molecular Weight:** 646.94

**CAS No.:** 31570-04-4

**Properties:** Soluble in benzene, chloroform, sparingly soluble in alcohol, acetone. Insoluble in water.

Item		Requirements
Appearance		White powder or granule
Melting point, °C		183.0~187.0
Volatilizing, %		Max. 0.30
Clarity of solution		Clear solution
Transmittance, %	425nm	Min. 98.0
	500nm	Min. 98.0
Acidity, mg KOH/g		Max. 0.30
Assay, %		Min. 99.0
Content of 2,4-di-tert-butyl-phenyl, %		Max. 0.20
Hydrolytic stability		Pass

**Uses:** It is a kind of phosphite ester antioxidant. Good synergistic with antioxidant, for example, Antioxidant 1010, Antioxidant 1076, applied in plastic contact food. It can be widely used for PE, PP, PC resin and so on. The amount to be used may be 0.1%~1.0%.

**Package and Storage:** Paper-plastic composite bags or cardboard boxes or cardboard pails with PE inner liners, net weight 25kg, or according to customers' requirements. Store in a cool area designed for the storage of chemicals. Period of validity: Normally 24 months.