



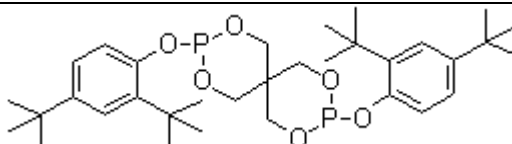
## Dynasty Chemicals (NingBo) Co., Ltd.

### TECHNICAL DATA SHEET

**NO:DGA00301**

<b>Product name:</b>	Antioxidant 626		
<b>Main Ingredients:</b>	Antioxidant 626		
<b>Chemical structure:</b>	Phosphite	<b>Chemical formula:</b>	$C_{33}H_{50}O_6P_2$
<b>CAS No</b>	26741-53-7	<b>Molecular weight:</b>	604.69
<b>EINECS No</b>	247-952-5	<b>C.I.</b>	Not available

**Molecular structure:**



<b>Appearance:</b>	White powder or granule
<b>Purity:</b>	≥95.0%
<b>Clarity of solution:</b>	Clear solution
<b>Melting range:</b>	170-180°C
<b>Volatiles:</b>	≤1.0%
<b>Acid value:</b>	≤1.0 mg KOH/g
<b>2,4-di-tert-butylphenol:</b>	≤1.0%
<b>Solubility:</b>	Not available
<b>Performance:</b>	This product soluble in organic solvents like toluene, dichloromethane, and slightly soluble in alcohols, but insoluble in water.

**Applications:** 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%.

**Note:** Our specification stated above is base on our present state of knowledge and only provide general notes on our products and their uses.