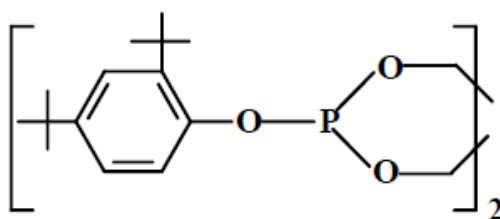


# Technical Data Sheet

## SUNNOX 626

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

### Description



|               |  |          |   |
|---------------|--|----------|---|
| Chemical Name | Bis (2,4-di-t-butylphenyl) Pentaerythritol Diphosphite | Formula  | C <sub>33</sub> H <sub>50</sub> O <sub>6</sub> P <sub>2</sub> |
| CAS #         | 26741-53-7   | Mol. wt. | 604.69  |

### Specifications

| Item                 | Specification           |
|----------------------|-------------------------|
| Appearance           | White powder or granule |
| Melting point (℃)    | 170.0~180.0             |
| Volatilizing (%)     | Max. 1.0                |
| Acidity (mg KOH/g)   | Max. 1.0                |
| Content of 2,4-B (%) | Max. 1.0                |
| Assay (HPLC, %)      | Min. 95.0               |

### 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 SUNNOX 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%.

### Delivery & Storage

|         |  |
|---------|--|
| Package | As required                              |
| Storage | Keep package closed. Store dark and dry. |