

产品说明 Introduction

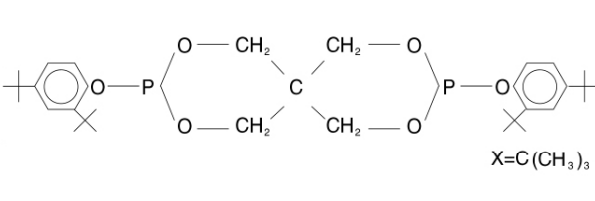
抗氧化剂 Antioxidant AT-626

化学名称

Chemical Name:

双(2,4-二叔丁基苯基)季戊四醇二亚磷酸酯

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

分子式 Molecular formula	$C_{33}H_{50}O_6P_2$	
分子量 Molecular Weight	604	
CAS号 CAS#	26741-53-7	

产品说明

Introduction

外观为白色结晶粉末或颗粒；熔程160-180℃；闪点168℃；着火点421℃；堆积密度0.43g/mL；粉尘爆炸浓度下限0.12Kg/m³，爆炸性指标0.37；易溶于甲苯、二氯甲烷等有机溶剂，微溶于醇类，不溶于水。

The product takes on an appearance of white crystalline powder or grains. The melt point ranges from 160°C to 180°C. Flash point: 168°C kindling point: 421°C stacking density: 0.43g/mL lower limit concentration of dust explosion: 0.12Kg/m³ explosion index: 0.37 soluble in organic solvents like toluene, dichloromethane, and slightly soluble in alcohols but insoluble in water.

物理性质

Physical Properties

外观 Appearance	白色结晶粉末或颗粒 White crystalline powder or grains	酸值 Acid value	mg KOH/g ≤1.0
熔点 Melting Range	℃ ≥160	挥发份 Volatiles	≤1.0%
游离2,4-二叔丁基苯酚(%) free 2,4-di- <i>tert</i> -butyl-phenol(%)			≤1.0%

应用

Applications

提高聚合物在配料、生产和使用过程中的稳定性，使加工过程中少聚合物的降解，在许多应用场合提高聚合物抗烟气褪色性能，高性能、低投入量可组成更高效的配方，与其它等效亚磷酸酯抗氧化剂相比，具有更高含磷量；可用作耐光照稳定剂如苯酮和苯并三唑的增效剂。一般用量为0.1%-0.3%。

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 AT-10) 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.

包装

Package

净重25KG/桶，20KG/纸袋，纸板筒内衬塑料袋包装，也可根据客户的需要包装。
cardboard boxes with plastic liners, net weight: 20Kg / box.

贮藏

Storage

本品耐水解较差，应注意防潮、防热。

Because of the low performance on hydrolyzing resistance, protection from moisture and heat is needed.

有效期

Period of Validity

6个月

About 6 months