



# YFK-PA14D (PP tube material)

## Chemical Structure

### Ingredients

According to the specific production requirements of customers, other components such as antioxidant 1010, antioxidant 168, antioxidant 330, acid scavenger and processing aid PPA are mixed uniformly or compounded in a certain proportion.

## Specifications

**Appearance** White columnar particles

**Volatile Loss %** ≤ 1.0

**Particle Size (mm)** 2.0 ~ 3.0

## Usage Notes

### Properties

It is a high-performance additive for polypropylene pipe materials that stabilizes the melt index during processing, enabling higher production loads. The melt index remains stable even after multiple extrusions, improving the long-term service life and aging resistance of the pipe material. The additive significantly prolongs the oxidation induction period and enhances hygienic performance in copolymerized polypropylene pipes. Being non-toxic, odorless, and pollution-free, it meets safety and health requirements for food packaging and water supply systems. During extrusion, it does not affect product appearance, increases extrusion load, and ensures smooth inner and outer surfaces without introducing odors. Its heat resistance, water-extraction resistance, compatibility, and stable properties prevent migration into water, maintaining water quality.

### Applications

It is a high-performance high-temperature antioxidant that provides excellent processing stability and color protection for resins.

### Storage

This product is stable under normal conditions and does not have any special storage requirements. However, it should be protected from moisture and heat.

### Recommended Dosage

The typical dosage range is 0.3% to 1.0%.

### Packaging

The product is packaged in cartons with plastic liners or in cardboard barrels with plastic liners. The net weight per unit is 25 kg. Customized packaging is available.