



YFK-1006 (PP Thin Walled Injection Molding)

Chemical Structure

Ingredients

Antioxidants, auxiliary antioxidants, nucleating agent HPN-68L, acid scavenger and other components in a certain proportion. According to the specific requirements of customers, the components and proportions can be appropriately adjusted and granulated.

Specifications

Appearance White columnar particles

Volatile Loss % ≤ 1.50

Particle Size (mm) 2.0 ~ 3.0

Acidity Value (mg KOH/g) ≤ 1.0

Stacking Density (g/cm³) 0.45 ~ 0.60

Fine Power Content (%) ≤ 1.0

Usage Notes

Properties

It is a high-performance additive for polypropylene resin used in thin-wall injection molding (H9018). It ensures effective and stable antioxidant performance while meeting quality requirements for this grade of polypropylene resin. The additive is non-toxic, odorless, and pollution-free, improving the hygienic properties of the final product. When incorporated, it does not affect appearance or produce any peculiar odors. With good heat resistance and compatibility, the nucleating agent HPN-68L in YFK-1006 maintains stable properties, effectively controlling crystallization and the formation of the crystal structure in this type of polypropylene resin.

Applications

It is a high-performance compound antioxidant designed for high-temperature processing. It provides excellent processing stability and color retention for polypropylene resins. The additive is primarily used in thin-wall injection molding polypropylene resins, enhancing high rigidity and impact resistance of the final products.



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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 0.15% to 0.28%.

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.
