



YFK-9305 (PE bottle cap material)

Specifications

Appearance	White columnar particles
Volatile Loss %	<= 2.0
Particle Size (mm)	2.0 ~ 3.0
Acidity Value (mg KOH/g)	<= 2.0
Alkylphenol %	<= 2.0

Usage Notes

Ingredients Antioxidant, release agent, slip agent, acid scavenger and other components in a certain proportion. It can also be appropriately adjusted the components and proportions for compound granulation as per the specific production requirements of customers.

Properties It provides excellent oxidation resistance, ensuring that polyethylene materials produced with this additive meet the technical requirements of national standards. It maintains stable color, allowing products to be manufactured in various color schemes. Materials processed with YFK-9305 exhibit good injection molding performance, easy demolding, and a low incidence of defects such as crooked bottle caps, resulting in a high final pass rate. The additive is fully compliant with food packaging regulations, and all components and dosages meet the requirements of GB9685-2008.

Applications It is a high-performance composite antioxidant designed for high-temperature processing. It provides excellent processing stability and color retention for polyethylene resins. The additive is primarily used in HDPE resins, enhancing processing stability and reducing the incidence of defects, such as crooked caps, during injection molding.

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 0.2% to 0.4%.

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.