YFK-3100G (PE pipe material)

Specifications

Ingredients	Antioxidant, auxiliary antioxidant, acid scavenger, and processing aids in a certain proportion.
Appearance	White columnar particles
Particle Size (mm)	2.0 ~ 3.0
Particle Length (mm)	3.0 ~ 8.0
Volatile Loss %	<= 1.5
Stacking Density (g/cm³)	0.45 ~ 0.65
Acidity Value (mg KOH/g)	<= 1.0

Usage Notes

Properties	It provides excellent oxidation resistance and long-term color protection. When used in linear low-density polyethylene (LLDPE) thin-wall injection molding resins, the resulting material meets national technical standards. The product is environmentally friendly, heat-resistant, water-extraction resistant, and non-toxic.
Applications	It is a high-performance compound antioxidant engineered for high-temperature processing of HDPE pipe resins. It delivers superior processing stability and long-term color retention, ensuring polymer integrity during extrusion and molding. The additive is suitable for the production of HDPE pipe material products requiring enhanced thermal stability and consistent quality.
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.
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.