



# YFK-9801 (PP transparent material)

## Chemical Structure

|             |                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------|
| Ingredients | Antioxidant 1010, antioxidant 168, nucleating agent NX-8000K and other functional additives in a certain proportion. |
|-------------|----------------------------------------------------------------------------------------------------------------------|

## Specifications

|                                       |                                            |
|---------------------------------------|--------------------------------------------|
| Appearance                            | Light blue or off-white columnar particles |
| Volatile Loss %                       | <= 1.5                                     |
| Stacking Density (g/cm <sup>3</sup> ) | 0.40 ~ 0.60                                |

## Usage Notes

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Properties         | It is a high-performance additive for random copolymerized polypropylene transparent materials. It ensures effective and stable antioxidant performance while meeting the quality requirements of this grade of polypropylene resin. The additive is non-toxic, odorless, and pollution-free, enhancing the hygienic performance of the final product. When incorporated, it does not affect product appearance or generate peculiar odors. With good heat resistance and compatibility, the nucleating agent in YFK-9801 maintains stable properties, effectively controlling crystallization and the formation of the crystal structure during resin processing. |
| Applications       | It is a high-performance composite antioxidant designed for high-temperature processing. It provides excellent processing stability and color retention for polypropylene resins. The additive is primarily used in random copolymer polypropylene transparent materials, effectively improving product gloss and transparency to meet the relevant index requirements of these materials.                                                                                                                                                                                                                                                                         |
| 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 0.40% to 0.50%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |