

### Product Introduction

ST-163 modified polyethylene wax is a kind of special made PE ultrafine powder with linear structure, high crystalline quality and high melting point. It can be used as additive in coatings, wood finishes and UV curing coatings, flexo and gravure inks, etc.

#### The primary indexes of ST-163 PE wax

Appearance	Average Bulk Density	Particle Average Size( $\mu\text{m}$ )	Whiteness	Melting Point( $^{\circ}\text{C}$ )
White powder	0.3 g/ml	D50: <5.5 D90: <12	~95%	~ 112

#### Typical Application:

Excellent compatibility and dispersibility with host solvent or powder coatings based on acrylic, alkyd, polyurethane, N/C and N/C combination finishes, epoxy, polyester, hybrid. It can be used in can and coil coatings, powder and industrial coatings, wood finishes and UV curing coatings, overprint varnishes, flexo and gravure inks.

#### Performances:

Giving good scratch and abrasion resistance, performing good slip ability through low coefficient of friction.

#### Addition Levels:

Addition of 0.3~2.0% of this super-fine powder is recommended based on total weight. High-speed stirring or grinding is needed to disperse this product in host material.

#### Package, Storage and Cautions:

1. The product is packed in bags with two layers of paper , 20kgs net weight per bag;
2. Stored in clean, dry place to avoid possible contamination by dusts, moisture, etc.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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