



烟台优联新材料有限公司

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## **Product Technical Data Sheet**

### **Fingerprint Resistant Agent**

### **HR-440**

#### **Product Description**

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HR-440 fingerprint resistant agent is an organic substance modified by a special process, which is easily dispersed in powder coating and effectively reduces powder. It can reduce the problem of handprint left by touch in paint coating efficiently.

#### **The Physical Properties**

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Appearance	White powder
Melting point (°C)	135
Grain size	DV505-7um
Bulk density g/cm	0.98

#### **The Comprehensive Performance**

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- HR-440 effectively improves the density of the cured powder coating film and is suitable for systems such as flat, matte, and sand texture powder coating.
- HR-440 has functions such as anti-precipitation, anti-adhesion, and stain resistance, while providing a smooth feel and better smoothness and hydrophobicity.

#### **Usage and Dosage**

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- Suggested dosage: add 0.3-1% before extrusion or 0.3-0.6% after extrusion. It can also be directly blended or extruded with resins, fillers, and other additives.
- Due to different formulations and process conditions, users are advised to determine the best addition amount through experiments before use.

#### **Packaging, Storage Conditions and Expiration Date**

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- 20kg aluminum-plastic composite bag, lined with polyethylene plastic bag.
- Store this product in a cool, dry and ventilated place to avoid moisture absorption. It should be closed immediately after use, away from heat sources and fire sources.
- The expiration date is at least one year at the storage temperature of < 30°C, and the expired products can only be used after passing the experiment.