

## 05 UV光固化涂料用二氧化硅消光剂

Silica matting agent for UV curing coating

### 1. 产品简介 Product Profile

清远市鑫辉化工有限公司生产的UV光固化涂料专用的消光剂是采用独特的生产工艺，并经过特殊表面处理制造而成，既有较低的吸油量，良好的分散性，极佳的消光效率，并使漆膜具有更好的抗刮性和防沉淀性，以及优异的漆膜手感。

该产品适用于不同的施工工艺，如淋涂，滚涂，喷涂等。

Qingyuan City Xinhui Chemical Co., Ltd. developed its special silica matting agent for UV curing coating by applying special manufacturing techniques and surface treatment. It features low oil absorption, good dispersibility, excellent matting efficiency, all of which enables better scratch resistance and deposition prevention to the film, as well as excellent hand feelings.

The product is suitable for different applications, such as curtain coating, roller coating, spray coating and so on.

### 2. 物化数据 Physical and chemical data

产品型号	干燥损失 (105°C/2h)	灼烧损失 (1000°C/2h)	吸油值	平均粒径 (Malvern)	pH值 (5%水悬浮液)	孔隙率	二氧化硅 含量(干基)	表面处理
Product No.	Loss on drying	Loss on ignition	Oil absorption	Particle size (Malvern)	pH wert (5% in water)	Pore volume	Silica content (dry basic)	Surface treatment
	%, ≤	%	g/100g	d <sub>50</sub> , μm		ml/g	%, ≥	
BS-501	5.0	10.0-13.0	230-270	6.0-7.0	6.0-7.0	1.8	99	蜡 wax
BS-570	5.0	13.0-16.0	240-280	4.5-5.0	6.0-7.0	1.8	99	蜡 wax
BS-590	5.0	13.0-16.0	240-280	6.0-7.0	6.0-7.0	1.8	99	蜡 wax
BS-2305	5.0	14.0-18.0	140-180	4.5-5.5	6.0-7.0	1.8	99	蜡 wax
BS-2306	5.0	14.0-18.0	140-180	5.5-6.0	6.0-7.0	1.8	99	蜡 wax
BS-2308	5.0	13.0-17.0	140-180	4.5-5.5	6.0-7.0	1.8	99	蜡 wax

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### 3. 产品特性 Product features

- ◆易分散 easy dispersion
- ◆消光效率高 high matting efficiency
- ◆优异的透明性 excellent transparency
- ◆极佳的悬浮性 excellent suspended performance
- ◆良好的抗刮性能 good scratch resistance
- ◆手感滑爽 excellent haptic

### 4. 应用领域 Application areas

UV木器/地板涂料、UV油墨、UV水性涂料、UV塑胶漆

UV wood- floor coating, UV Ink, UV water base coating, UV plastic coating

### 5. 包装 Packing

净重10kg/包或15kg/包 net weight 10 kg/bag or 15kg/bag

### 6. 储存 Storage

产品开包后，未用完的应把袋口扎紧，以防受潮和被沾污。

Once opened, the bag must be tightened in order to prevent the rest of the product from damp and pollution.

