

02 大孔容硅凝胶二氧化硅消光剂

Matting agent of large pore volume gel silica

1. 产品介绍 Product Profile

清远市鑫辉化工有限公司大孔容硅凝胶系列二氧化硅消光剂主要是吸收国外先进的生产工艺,并结合公司十多年的研发、生产经验,采用先进生产设备生产出来的二氧化硅消光剂产品。是一种高纯度、多孔隙、人工合成的无定形二氧化硅白色粉末。

清远市鑫辉化工有限公司大孔容硅凝胶消光剂具有较大的孔隙率,使其能产生一种更高的消光效率。能够满足于不同涂料体系在不同领域的性能需求。对于采用有机表面处理消光剂具有良好的悬浮性能及抗刮性,尤其适合应用于不同树脂体系清漆中。

Qingyuan City Xinhui Chemical Co., Ltd. developed its large pore volume gel silica matting agent by combining advanced foreign production techniques with our more than 10-year-long R&D and manufacturing experience, with the use of advanced manufacturing equipment. It is a kind of synthetic amorphous silica white powder with high purity and multiple pores.

The large pore volume gel silica matting agent of Qingyuan City Xinhui Chemical Co., Ltd. features high porosity, which enables higher matting efficiency and transparency. It can meet various performance requirements of different coating systems and different areas. It has good suspension performance and scratch resistance for organic-finished matting agent, which is especially suitable for the application in different resin varnish systems.

2. 物化数据 Physical and chemical data

产品型号	干燥损失 (105℃/2h)	灼烧损失 (1000℃/2h)	吸油值	平均粒径 (Malvern)	pH值 (5%水悬液)	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 ₅₀ , μm		ml/g	%, ≥	
HD-2	5.0	4.0-6.0	260-300	4.5-5.0	6.0-7.0	1.8	99	有机 organic
HD-2A	5.0	4.0-7.0	260-300	4.0-5.0	5.5-6.5	1.8	99	特殊处理 special
HD-2B	5.0	5.0-7.0	260-300	4.0-5.0	6.0-7.0	1.8	99	有机 organic
HD-3	5.0	4.0-6.0	260-300	4.5-5.5	6.0-7.0	1.8	99	有机 organic
HD-4	5.0	4.0-6.0	260-300	5.5-6.5	6.0-7.0	1.8	99	有机 organic
HD-308	5.0	4.0-6.0	260-300	4.0-5.0	6.0-7.0	1.8	99	-
HD-318	5.0	4.0-6.0	260-300	4.5-5.0	6.0-7.0	1.8	99	-
HD-328	5.0	4.0-6.0	260-300	4.5-5.5	6.0-7.0	1.8	99	-
BS-20	5.0	6.0-9.0	260-300	4.5-5.5	6.0-7.0	1.8	99	蜡 wax
BS-20A	5.0	6.0-9.0	260-300	4.5-5.0	6.0-7.0	1.8	99	蜡 wax
BS-30	5.0	6.0-9.0	260-300	5.5-6.0	6.0-7.0	1.8	99	蜡 wax
BS-50	5.0	6.0-9.0	260-300	6.5-7.0	6.0-7.0	1.8	99	蜡 wax
BS-60	5.0	6.0-9.0	260-300	7.3-8.0	6.0-7.0	1.8	99	蜡 wax

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
- ◆ 极佳的悬浮性能 excellent suspension performance
- ◆ 良好的抗刮性能 good scratch resistance
- ◆ 优异的手感 excellent haptic

4. 应用领域 Application areas

木器家具涂料、木器装饰涂料、油墨、薄膜涂料、工业涂料
wood furniture coating, wood decorative coating, ink, foil coating,
industrial coating

5. 包装 Packing

净重10kg/包 net weight 10 kg/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.

