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Sunrise Corporate Headquarters

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Production Base

Production base of headquarter in Hefei city

Production base in Tongling city

Production base in Lu'an city

Production base in Shandong province

Production base in Inner Mongolia

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塑胶专用条状铝颜料

PELLETIZED ALUMINIUM PIGMENT



如需了解产品详情请拨打

☎ 400 999 2508

Sunrise 旭阳[®]
aluminium pigments

公司简介

Company Profile

安徽旭阳集团, 创立于2002年, 是国内大型铝银浆、铝银粉、球型铝粉研发、生产和供应机构, 中国化工行业标准《涂料用铝颜料》的制修订单位, 已通过ISO9001:2015质量管理体系、ISO14001:2015环境管理体系及OHSAS18001:2007职业健康安全管理体系认证。

Sunrise was founded in 2002, which is a state-level high-tech enterprise in China with R&D, production and sales of aluminium pigments. Sunrise is the founder of China chemical industry standard "aluminium pigment for coatings", and the company has passed through ISO9001:2015 Quality Management System, ISO 4001:2015 Environment System certifications and OHSAS 18001-2007.

集团旗下有5大生产基地、1个行业工程技术研究中心、1个省级工程技术研究中心、1个功能性金属浆料研发及技术服务平台、2家进出口贸易公司和5个直属大区办事处, 综合实力在全国同行业中位居第一。

The company has 5 production bases, 1 industrial engineering research center, 1 provincial metal paste engineering research center, 2 import and export trading companies and 7 sales service department offices, so the overall strength ranks first in the aluminium pigments industry in China.



产品简介

Product's Introduction

银条是由铝银浆去除多余的溶剂,再加入丰富的助剂,经济压成一个个直径2mm、长度8-10mm大小左右的柱状体而成的。银条里的铝粉(又称铝片),呈微小的银元状或玉米片状,厚度为0.1 μm ~2 μm ,直径范围为5~200 μm 。银条中铝的含量约占80%,其余的20%是高分子聚合物、助剂。银条在塑料中可耐高达280 $^{\circ}\text{C}$ (保持5分钟)的高温,部分型号可耐300 $^{\circ}\text{C}$ 。

Pelletized aluminium pigment was made by aluminium powder, additives and carrier. Aluminium powder has silverdollar and cornflake with particle size around 5-100 μm . And the aluminium content of pelletized aluminium pigment are around 80%, rest of it are additives and carrier. The plastics made by our pelletized aluminium pigment can resist the max-temperature 280 $^{\circ}\text{C}$ for 5 minutes and some models are resistant to 300 $^{\circ}\text{C}$.

产品特性

Characteristics

- 1、稳定性好、所含溶剂极少,气味小;
- 2、分散性好,不会在使用中结块或难搅拌,在塑料里分散很均匀;
- 3、充分处理后与塑料的相容性好;
- 4、可与其他无机颜料共同使用;
- 5、制造工艺安全,无粉尘、不会造成环境污染和身体伤害;
- 6、运输安全,可选择多种运输途径。

1. Good stability, minimal solvent and low odor;
2. Good dispersibility, will not agglomerate or difficult to stir in use, dispersed in the plastic is very uniform;
3. Good compatibility with plastic after sufficient treatment;
4. Can be used together with other inorganic pigments;
5. The manufacturing process is safe, no dust, no environmental pollution and physical damage;
6. Transportation safety, you can choose a variety of transportation routes.

产品类型与型号

Types and Grades

型号 Grade	粒径 Partide Size D50(μm)	铝含量 Aluminum Content ($\pm 2\%$)	效果 Final Effect
M-0620	6	80	
M-1020	10	80	高亮度,效果细腻 类似于金属效果
M-1220	12	80	High brightness and smoothness like metal effect
M-1620	16	80	
M-1820	18	80	
M-3020	30	80	
M-4020	40	80	
M-5020	50	80	高闪、亮 分散性优异
M-6020	60	80	Shining brightness with excellent dispersity
M-8020	80	80	
M-10020	100	80	
M-200	200	80	
TA-5200	6	80	亮度优异,粒径细腻均匀 Excellent brightness, fine and uniform particle size
TD-5525	25	80	
TD-5560	60	80	立体颜料、流痕轻、遮盖力差 Stereoscopic pigments, light flow marks, poor hiding power

使用方法

Usage

直接添加到塑胶粒子中搅拌均匀,抽粒即可,在保证充分分散的情况下,建议使用侧喂料减轻对流痕的伤害;不建议直接添加注塑,容易导致染色不均匀和分散不充分。

Add directly to the plastic particles to stir evenly, and pump the particles. In the case of ensuring sufficient dispersion, it is recommended to use side feeding to reduce the damage to the flow marks; it is not recommended to directly add injection molding, which may lead to uneven dyeing and insufficient dispersion.

建议添加量

Suggested Dosage

色母粒制造:添加 20%-30%

塑胶染色:添加 0.5%-3% (根据效果加减)

Masterbatches : 20%-30% (for reference only)

Plastic dyeing : 0.5%-5% (for reference only)

注意事项

Notes

本系列产品由于颜料物理结构的特殊性,使用过程避免高剪切、多次造粒,以防止对金属材料本身造成伤害导致颜料发黑!

Because of the physical structure of this series is special, so please avoid shearing with high speed and reusing during the process.

通过法律法规

Certificated By

EN71

欧盟儿童玩具检测认证



PAHS

