



水性工业漆色浆 YPE 系列

YPE series of colorants for water-based industrial coating

○产品说明:

YPE 系列水性色浆为不含 APEO 的无树脂高浓度颜料制备物，以中高档有机颜料和无机颜料为主体，以去离子水为载体，采用不同的非离子或阴离子润湿分散剂分散，通过智能分散研磨工艺制成。

YPE 系列水性色浆主要为水性工业漆体系设计，主要应用于环氧、丙烯酸、聚氨酯等体系。该系列色浆着色力高、性价比高；具有优异的耐候性、耐光性、耐酸耐碱性和耐热性；批次间的稳定性好，保证客户调色的重现性；对漆膜性能影响较小，且满足一般水性工业漆在 VOC 及其它方面日益严格的要求。

○Product introduction:

YPE series of water-based colorants are high concentration pigment preparations free of APEO and resin; contain organic or inorganic pigment dispersed in the water by nonionic or anionic wetting & dispersing agents and are made by intelligent dispersing & grinding process.

YPE series of water-based colorants are mainly designed for water-based industrial coating systems such as epoxy, acrylic, polyurethane and other systems. The series of products have high tinting strength and high cost performance; have excellent weather resistance, light resistance, acid resistance, alkali resistance and heat resistance; have good stability between batches to ensure the reproducibility of color mixing for costomer; have little impact on the performance of the coating film, and meets the increasingly stringent requirements of general water-based industrial paint in VOC and other aspects.

○产品参数 Product parameters

产品 Product	原色 TT	浅色 ST 1/25	耐候性 Weather Fastness		耐光性 Light Fastness		耐化学性 Chemical Fastness		耐热性 (°C) Heat Resistance
			原色 TT	浅色 ST 1/25	原色 TT	浅色 ST 1/25	原色 TT	浅色 ST 1/25	
YPE 615 白			5	5	8	8	5	5	200
YPE 630 炭黑			4-5	4	7-8	7	5	5	200
YPE 635 蓝			5	4-5	8	8	5	5	200
YPE 636 绿			5	4-5	8	7-8	5	5	200
YPE 6605 铁红			5	5	8	8	5	5	200
YPE 6610 铁黄			5	5	8	8	5	5	200
YPE 692 桔橙			5	5	8	7	5	5	200
YPE 693 永固紫			5	4	8	7	5	5	200
YPE 695 深黄			5	5	8	8	5	5	200
YPE 683 深黄			4	3	6	6-7	5	5	180
YPE 696 中黄			4	3-4	7	6-7	5	5	160
YPE 694 嫩黄			5	4-5	8	8	5	5	200
YPE 699 玫红			5	4-5	8	7-8	5	5	200
YPE 691 大红			3-4	2-3	7	6	5	5	160
YPE 698 大红			5	4-5	8	7-8	5	5	200

产品特点

- ✧ 颜料含量高，着色力强
- ✧ 流动性好，储存稳定性好
- ✧ 不含 APEO，低 VOC
- ✧ 批次间颜色稳定性好，调色重现性好
- ✧ 优异的耐候、耐光、耐热、耐化学品性能

Product features

- ✧ High pigment content, tinting strength and cost performance
- ✧ Excellent fluidity and stability
- ✧ Free APEO ,low VOC
- ✧ Excellent stability between different batches
- ✧ Excellent weather resistance, light resistance, chemical resistance and heat resistance

应用领域

主要应用于环氧、丙烯酸、聚氨酯等水性工业漆体系。

Applications

YPE series of water-based colorants are mainly designed for water-based industrial coating systems such as epoxy, acrylic, polyurethane and other systems.

性能指标及测试方法

- ✧ TT: 深色，在 1% 钛白粉含量的体系中加入 5% 色浆
- ✧ ST1/25: 1/25 深度，DIN53235 标准
- ✧ 耐光性：采用氙灯光源，按照 ISO/105，以蓝羊毛尺 1-8 级来衡量，8 级最好，1 级最差。
- ✧ 耐候性：采用 ATLAS 人工加速老化仪，定时氙灯暴晒和喷水，暴晒 500 小时按照 ISO 灰尺 1-5 级衡量，5 级最好，1 级最差。
- ✧ 耐化学性：按照 GB55211.6-85 颜料耐酸耐碱测定法，以 1-5 级表示，5 级最好，1 级最差。

Performance index and test method

- ✧ TT: dark color, add 5% colorant to the system containing 1% TiO_2
- ✧ ST 1/25: 1/25 depth of color, DIN 53235 standard
- ✧ Light resistance: using xenon light source, according to ISO/105, measured by blue wool ruler 1-8, level 8 is the best, level 1 is the worst
- ✧ Weather resistance: using ATLAS artificial accelerated aging instrument timed xenon lamp exposure and water spraying, exposure for 500 hours, according to ISO gray scale 1-5, level 5 is the best, level 1 is the worst
- ✧ Chemical resistance: according to GB55211.6-85 pigment acid and alkali resistance test method, graded as 1-5, level 5 is the best, level 1 is the worst.

○包装及储存

Package and storage

包装：YPE 系列色浆产品常规包装分别为 5kg，20kg，25kg。

Package: the standard package of YPE series of colorants is 5kg, 20kg, 25kg.

储存：YPE 系列色浆储存温度为 0-40℃，保质期为 18 个月。

Storage: stored above 0℃ and below 40℃, shelf life is 18 months.

○色浆使用说明

Instrcution for colorants selection

✧ 使用前必须搅拌均匀，先加入体系中进行相容性实验，确保相容性良好后调色。使用完成后注意密封，放置在通风阴凉处储存，保质期 18 个月。

✧ The colorant must be stirred evenly before use, and added into the system for compatibility test to ensure good compatibility before color mixing. After use, it should be sealed and stored in a ventilated and cool place with a shelf life of 18 months.

由于我们无法了解客户的实际使用情况和工艺过程，所以对于我公司产品的应用所做的推测，均基于我们目前对该产品的认识。希望您在使用产品前，应采取适当的措施以保证我们的产品能满足您的用途。

Since we can't understand the actual use and process of our customers, we speculate about the application of our products based on our current understanding of the product. We hope that you should take appropriate measures to ensure that our products can meet your needs before using them.