



造纸专用 YPZ 系列水性色浆

YPZ series of water-based colorants for paper

秧浦色彩科技 有您更精彩

○产品说明:

YPZ 系列水性色浆是以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，专门为纸浆纤维浆内着色设计。该系列产品颜色丰富涵盖的色域广，着色力高，在各类纸张纤维上有良好的吸附性，从而表现出较强的留着性能。在使用过程中受 PH 值及浆内化学品的影响小，同时对纸浆和纸张的原有性能指标无不良影响，有较高的耐候性，耐晒性和耐化学品性能，在烘干过程中不变色，不迁移。



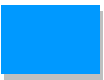



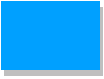







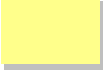













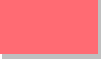
其中紫 YPZ801 和蓝色 YPZ 是现在造纸行业广泛使用的荧光增白剂的替代产品，亦可代替品蓝等染料色剂，主要用于高档铜版纸的增白和调白。

○Product introduction:

YPZ series of water-based colorants contain organic or inorganic pigment dispersed in the water by nonionic or anionic wetting & dispersing agents and are designed for the internal coloring of pulp fibers. YPZ series of water-based colorants cover a wide color range and show excellent tinting strength and strong retention performance due to good adsorbability on various paper fibers. The colorants are less affected by PH value and chemicals in the pulp during use, have no adverse effect on the original performance indexes of pulp and paper , have high weather resistance, light resistance and chemical resistance, and does not change color or migrate during drying.

Among YPZ series, purple YPZ801 and blue YPZ are substitutes for fluorescent brighteners widely used in papermaking industry and can also replace reddish blue and other dye colorants, mainly used for whitening and whitening of high-grade coated paper.

○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	
YPZ 701 黑			4-5	4	7-8	7	5	5	200
YPZ 601 蓝			5	5	8	8	5	5	200
YPZ 602 蓝			5	4-5	8	8	5	5	200
YPZ 653 蓝			5	4-5	8	8	5	5	200
YPZ 501 绿			5	4-5	8	7-8	5	5	200
YPZ 801 紫			5	4	8	7	5	5	200
YPZ 802 紫			4	3	5	4	5	4	140
YPZ 201 黄			4	3-4	7	6-7	5	4-5	150
YPZ 202 黄			2	1-2	2-3	2	5	5	150
YPZ 203 黄			4	3	6	6-7	5	5	180
YPZ 204 黄			2	1-2	2-3	2	5	5	150
YPZ 401 橙			2	1-2	4-5	2-3	5	3-4	150
YPZ 901 玫红			5	4-5	8	7-8	5	5	200
YPZ 302 红			2	1-2	3-4	2-3	5	5	120
YPZ 306 红			3-4	2-3	7	6	5	5	180

产品特点

Product features

- ✧ 颜色丰富，色域宽
- ✧ 颜料含量高，在纸浆纤维上吸附良好，留着力好，着色力强。
- ✧ 流动性好，储存稳定性好
- ✧ 消泡性能好，不在纸张表面产生缺陷
- ✧ 较高的耐候性，耐晒性，耐热性和耐化学品性能

- ✧ Wide color range
- ✧ High pigment content, strong tinting strength, strong retention performance, good adsorbability on various paper fibers
- ✧ Excellent fluidity and stability
- ✧ Excellent defoaming to avoid paper surface defects
- ✧ High weather resistance, light resistance, heat resistance and chemical resistance

应用领域

Applications

主要应用于纸浆纤维浆内着色。

YPZ series of colorants are designed for the internal coloring of pulp fibers.

性能指标及测试方法

Performance index and test method

- ✧ 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 ISO105，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。

- ✧ 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：YPZ 系列色浆产品常规包装分别为 20kg，25kg，30kg。

Package: the standard package of YPZ series of colorants is 20kg,25kg,30kg.

储存：YPZ 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.