

Xiyan *U4523 purple* Pigment Preparation

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Shanghai XiYan Industrial Co., Ltd. is a company focus on research, development and production of specialty chemicals. Our company has very good production site and advanced service lab with the professional staff that provide technical service and effective solution for our customers. We are also keeping a close strategic cooperation with technical centers of many famous multinational companies. Support your success with XiYan's products.

Product Characteristics

U4523 purple is a P.V.23 pigment preparation with high molecular dispersant. It's resin free, so its universality is very good. With advanced production process, the product has good fineness. It's eco-friendly without benzene series solvent. When the pigment preparation cannot be used up at once, it must be sealed properly.

Application

U4523 purple is mainly designed for plastic paint, industrial paint, wood coating, car refinishing etc. application as universal pigment colorants. It can be used in coating with polyurethane, amino baking, polyester, nitrocellulose, synthetic fatty acid, parital thermoplastic acrylic and epoxy etc. resin. The compatibility with CAB551-0.2 and CAB381-0.5 is good. But it could be separated when U4523 is added in the coating with CAB381-2 and CAB381-20. But the fineness and tinting strength of the coating are not affected, and it can be used normally after being stirred again.

It is not recommended to directly add U4523 to the coating with nitrocellulose or synthetic fatty acid resin. It should be added to the other resin in the formulation and then be added to nitrocellulose or synthetic fatty acid resin. For example, based on the coating formulation with hydroxylated acrylic resin and synthetic fatty acid resin, U4523 should be added to the acrylic resin and mix well. Then add the mixture to synthetic fatty acid resin slowly. Otherwise, it is easy to have flocculated small particles.

How to use

Before use *U4523 purple*, please do the compatible and tinting experiments. If find any problem, please incorporate additives to solve the problem or consult our technical service representatives. Please make sure that the pigment preparation has no negative effect on

your coating's properties before use. Just incorporate the pigment preparation in the paint in a low to middle speed mixing, grinding or high speed dispersing are not required.

Quality

Shanghai Xiyan Industrial Co., Ltd. has advanced equipment and process which is to minimize the differences of color, tinting strength, rheology and compatibility between the batches.

U4523 purple technical data

Item	Value (typical)
Pigment index no.	P.V.23
Pigment content (by weight)	8.0%
Solid content (by weight)	15.1%
Lightfastness	
Mass tone/Redution(1/25 ISD)	8/7-8
Heat resistance(°C)	200
Hiding performance	Transparent
Halogen issue	Yes
Solvent	PMA Butyl acetate

Notes:

The above data are typical values used as references for formula making and cannot be equated with COA (durability data based on pigment supplier provided)

Storage

It should be stored in a cool place at a temperature above 0 °C , with a shelf life of 12 months in an unopened sealed bucket.

Disclaimers:

All recommendations about our product, whether written, verbal, or inferred from our experimental results, are based on our current understanding of the product. Despite our recommendations, customers should still take appropriate tests to ensure that our products meet their specific processes or uses. Because we cannot control the application areas, usage, and processing conditions of our products, we do not assume any responsibility in this regard. The buyer guarantees that their use of our product will not infringe upon the intellectual property rights of any third party. We guarantee that our products are defect free in quality under normal supply and storage conditions.

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