



Xuye New Materials 5-Sulfoisophthalic acid monosodium salt (5-SSIPPA)

Xuye 5-SSIPPA can be used as the third monomer of cation dyeable polyester, instead of SIPM in the production of synthetic polyester through Direct esterification method, can also be used to prepare applicable to a variety of coatings, amine-free waterborne polyester resin and water-based polyurethane, used as intermediate and modifier for pharmaceutical, pesticide and polyester, widely used in many industries. In addition, widely used in the newly developed synthesis of polyester fiber slurry. In the synthesis of polyester, the product esterify with ethylene glycol directly, Compared with Methanol-transesterification byproduct of SIPM and ethylene glycol, it is More safety and environmental friendly.

Xuye 5-SSIPPA offers the following benefits for products:

- Gsynthetic water-dispersible resin without amine neutralizing agent.
- The coating has excellent hardness and high gloss.
- Improved coloring property and Lightfastness of polyester and nylon fibers.
- Better printability of PET bottled ink.
- Excellent inter-layer bond strength of tape.

Typical Properties

Properties		Xuye 5-SSIPPA
Appearance		White powder without impurity
20% water solution		No suspension, no precipitation of clear liquids
Color, (20% water solution, Pt- Co) No.	≡	20
40% EG color, (Pt-Co) No.	≡	50
Absorbance	≡	0.4
Acid value, mgKOH/g		415-421
Content, %	≡	99
Sulfate (SO ₄) content, mg/kg	≡	500
Fe content, mg/kg	≡	5
Chloride (Cl) content, mg/kg	≡	10
water, %	≡	0.5
pH		1.8-2.2

Applications

- The third monomer of cation dyeable polyester

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Xuye New Materials 5-Sulfoisophthalic acid monosodium salt (5-SSIPa)

- amine waterborne polyurethane coatings
- amine aqueous polyester resin coating
- new polyester fiber slurry
- ink
- Tape
- polyester and nylon fibers

Storage and Safe Handling

Xuye 5-SSIPa should be kept away from flames or other sources of heat. They should be stored in cool and ventilated area. Adequate precautions should be taken to keep all dust levels below values that are hazardous to health and safety. In the case of eye or skin contact, eyes should be flushed with water to remove dust particles and affected skin areas washed with soap and water.

Packaging

25kg net in PP woven bag or composite paper bag
Available in Supersack

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