High gloss water based varnish-A900

Introduction

Water based high gloss varnish, with high gloss, high wettability, good flowing, fast drying, good printing suitability, can be used for both online and offline machine.

Specification

Appearence: Milk white translucent liquid

Solid content: 45±1%

Viscosity: 50±5 seconds（25℃TU 4#CUP）

PH Value: 8±0.5

Glossiness: 75±5（60°Gloss tester）

Wear resistance: ➢400times（4lbs pressure）

Using method and precautions

1. Dilute with water or a mixture of alcohol and water according to conditions of use. In order to meet the requirements of gloss and wear resistance, based on the situation of the paper, roller coating with diluent 5 ~ 15%, online coating use raw liquid, if the gloss viscosity is too high during the process of using, need add appropriate amount of diluent to adjust the viscosity.

2. The amount of varnish using should meet the quality as the basic principle, excessive dilution will affect glossiness, wear resistance and flowing; On the contrary, insufficient dilution will also affect the flowing and drying speed.

3. The amount of varnish using depends on paper quality and gloss requirements, generally online coating: 2-5G /㎡, offline coating 3-7g/㎡.

4. Drying method: Infrared drying, hot wind or heating tube drying. During the operation of drying equipment, the temperature displayed on the meter shall not be less than 70℃.

5. The performance of the varnish can reach the best status after coated 12 hours

6. Equipment can be cleaned with water, dried varnishg can be removed with alcohol.

7. This product is alkali-soluble varnish, please try to choose neutral or weak base (PH≤8) adhesive when the carton surface (paper mounting), in the use of starch glue, caustic soda glue (yellow glue), please strictly control the amount of glue to avoid excessive glue penetration through the varnish surface to dissolve the varnish and cause adhesive paper.

Package and storage

20KG/50KG plastic barrel，Store sealed in a cool place for 12 months.