

ECOPRINT GUM MKP

Main Description:

Natural Thickener Suitable for Discharge Printing on Indigo

Technical Specification:

Appearance at 20-25°C

Beige powder

Properties:

- It is the most suitable thickener for discharge printing by using Potassium Permanganate.
- Good stability and rheology of the paste during the printing process.

Application:

- The dosage of ECOPRINT GUM MKP depends on the method and the rheology suitable for each application (20-60 g/kg).

- Guidelines for recipe:

1. Preparation of the thickener

ECOPRINT GUM MKP 55 g/kg

Cold Water (Distilled) 945 g/kg

15-20 minutes stirring

2. Preparation of the printing paste

Prepared thickener 933 g/kg

Acetic acid (CH₃COOH) 7 g/kg

Potassium Permanganate 60 g/kg

Total 1,000 g

Once the products have been incorporated it is put under mechanical stirring.

- Fixation

3 Min at 150 °C

- Washing

1. Cold water rinsing

2. Washing 15-20 min, 50-60°C

Sodium Bisulphite 8 g/l

KLARWET XRN 2 g/l

3. Final rinsing with cold water

Storage:

The product is stable for 12 months, whenever it is kept in the original containers, well-closed and protected from weather inclemencies at a maximum temperature of 35 °C.



Information concerning the safety regulations can be taken from the Material Safety Data Sheet of this product. We reserve the right to modify the product and technical leaflet. Our department for applied technique is always at your service for further information and advice. Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct.