

GS 645 ECOLOGICAL DISCHARGE WHITE – WB

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a water based printing base used to obtain excellent white discharging with soft touching effect. It can be printed on 100% dischargeable cotton. If cured correctly as advised, the dry-wet rubbing and washing fastness are high. Rubbing and washing tests should be applied 24 hours after curing. Suitable to ecological standards.

PHYSICAL-CHEMICAL PROPERTIES

Appearance : White paste
pH : 6-7,5 (25 °C/ 77 °F)
Density : 1,14 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 7, rpm: 20 Brookfield] : 100.000 – 105.000 [mPa.s]

APPLICATION

Screen : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk - 77 cm/200 inch mesh 48 micron silk should be used.
Squeegee : 57 – 62 Shore U type squeegee should be used.
Mixture : **To have discharge effect with GS 645 Ecological Discharge White-WB ;**
GS 645 Ecological Discharge White-WB 1000 g
Thiourea Dioxide 60 g
After adding Thiourea Dioxide into GS 645 Ecological Discharge White, taking into consideration the temperature of the printing room, the prepared discharge base should be consumed within 6 hours. Otherwise, the base is damaged and the colours change. GS 645 Ecological Discharge White - WB should be printed wet on wet. Do not use flash cure. In order to prevent any hairy effect on the surface of the fabric after washing or to achieve a non taking transfoil effect, SP 203 Fixing Agent-WB (2-3 %) into the GS 645 Ecological Discharge White-WB. To reduce the viscosity, GS 600 Regulator-WB can be added (1-3 %) into GS 645 Ecological Discharge White-WB. Never use water to reduce the viscosity. Before use, please stir the ink well. Do not use any additives that are not advised. After using, the screen should be cleaned with the water.
Curing : Should be cured at 160 °C/320°F for 2 minutes.

SAFETY and STORAGE

It does not contain harmful substances for inhalation and skin when used. However in case of contact to sensitive organs, such as eyes or mouth wash with plenty of water. If necessary, medical assistance is advised. Keep containers dry and tightly closed. Store in a ventilated place between (+5)-(+30) °C/(+41)-(+86)°F of temperature. It should be consumed within 12 months after the production date.

PACKING

In 10 kg and 40 kg or 1 gal and 5 gal of plastic packings.



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The technical application and information that have been given above, are designed only as using instructions. Should not be considered as a warranty for any other use. When any help or assistance is required, our technical department is ready for help.