

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a water based printing paste used to obtain vivid colors with elastic and soft touching effect in textile printing. It can be printed on white and light colored cotton and cotton – polyester blend fabrics. 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 : Transparent paste
pH : 5,5-7 (25 °C/ 77 °F)
Density : 0,99 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 7, rpm: 20 Brookfield] : 90.000 – 110.000 [mPa.s]

APPLICATION

Printing : In order to have more covering, color productivity and elasticity in the print of SP 220 Clear Base – WB double print is advised with flash cure. To print on dark colored cotton fabrics SP 240 Snow White – WB, GS 603 Fine Mesh White – WB or XP 50 White - WB should be used as underbase. To print on polyester fabrics which may cause dye migration, SP 230 Anti Migration Base – WB should be printed as underbase.

Screen : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk – 62 cm/157 inch mesh 55 micron silk should be used.

Squeegee : 57 – 62 Shore U type squeegee should be used.

Mixture : To color SP 220 Clear Base – WB, OP series (1-5 %) or FR series (5-15 %) pigments are added. To reduce the viscosity, SP 209 Regulator - WB can be added (1-3 %) into SP 220 Transparent. 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 1,5 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 8 kg, 30 kg and 60 kg or 1 gal, 5 gal and 15 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.