

XP 10 PRINTING BASE – WB

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a water based printing base used to obtain vivid colors and soft touching effect. It can be printed on white and light colored cotton and cotton- polyester blends. Does not dry during the print and block the screen. 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 : 0,97 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 6, rpm: 10 Brookfield] : 20.000 – 30.000 [mPa.s]

APPLICATION

Screen : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk – 90 cm/230 inch mesh 40 micron silk
Squeegee : 57 – 62 Shore U type squeegee should be used.
Mixture : To color XP 10 Printing 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 XP 10 Printing Base-WB.
Never use water to reduce the viscosity. Before use, please stir the ink well. Do not use any additives
Curing : After using, the screen should be cleaned with the water. 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 30 kg and 60 kg or 5 gal and 15 gal of plastic packings.

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.