

TECHNICAL DATA SHEET PS 05 CLEAR BASE - WB

1. ADVANTAGES

- It is a water-based printing paste, with ZDHC Level 3 certificate, used in textile printing applications to obtain opaque and colorful printing effect by coloring with FA-FR series pigments.
- High opacity
- High elasticity
- Soft touching effect
- High dry-wet rubbing fastness
- High washing fastness

2. PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Unite	Limit	Standard
Appearance	-	Paste	In House
Color	-	Clear	In House
Odor	-	Characteristic	In House
Viscosity (25°C, 20 rpm)	cP	60000 - 80000	ISO 2884-2:2003
pH	-	7,5 - 8,5	ISO 19396-1:2017
Density (25 °C)	g/cm ³	1,09 ± 0,05	ISO 2811-1:2016

3. APPLICATION

Parameter	Unite	Limit
Screen	Mesh	43-77
Squeegee	Shore	57-62
Squeegee Type	-	U
Curing Temperature	°C	160
Curing Time	minutes	Min.1,5
Number of Washes	times	5
Washing Temperature	°C	60

- In order to have more color productivity and elasticity in the print of PS 05 Clear Base-WB, double print is advised with flash curing.
- If necessary, PS 07/SP 240/GS 603/XP 50/ES 53 can be applied on dark colored fabrics as underbase.
- For polyester fabrics that cause dye migration, our **SP 230 Anti Migration Base-WB** product should be printed as underbase.
- To reduce the viscosity **SP 209 Regulator - WB (1-3%)** can be used. **Never** use water to reduce the viscosity.
- Please stir the paste well before use. Do not use any additives that are not advised.
- The screen should be cleaned with the water after use.
- To color PS 05 Clear Base-WB, FA series (1-5 %) or FR series (5-15 %) pigments are added.
- Rubbing and washing tests should be applied 24 hours after curing.

4. PACKAGING INFORMATION

- The product is packed in 20 kg plastic white bucket with lid and handle & 30 or 60 kg open top plastic barrel with black plastic lid and steel securing clamp ring.

5. STORAGE & SAFETY

- Keep containers dry and tightly closed. Store in a ventilated place between +5°C and +30°C (+41°F and +86°F) of temperature.
- It should be consumed within 12 months after the production date.
- It does not contain substances classified as harmful for inhalation and skin when used. For more information, please refer to the SDS.

6. ADDITIONAL INFO

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.