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## **PLASTISOL POLYMAX WHITE**

### **Technical Data Sheet**

- **Wet Ink Tack:** High
- **After Flash Tack:** Low
- **Printability:** Excellent
- **Surface:** Matte.
- **Opacity:** High
- **Viscosity:** Medium
- **Bleed Resistance:** High
- **Cure Temp:** 270°F – 320°F
- **Squeegee Hardness:** Medium/Hard
- **Squeegee Blade:** Sharp
- **Squeegee Angle:** 45 degrees to screen.
- **Squeegee Speed:** Medium
- **Emulsion:** Direct
- **Mesh Count:** 110 – 305 mc in (43-120 mc cm)
- **Screen Mesh:** 43T
- **Reducer:** SE-17
- **Thickener:** N/A
- **Storage:** 40° C
- **Cleanup:** Screen Cleaner.
- **Substrate type:** Cotton, Poly/Cotton, Polyester.
- **Washing:** Laundry wash, Cold/Hot Wash.

### **Description**

Plastisol PolyMax Series is specifically designed for performance Polyester fabrics and can also be used as an universal ink.

**Plastisol PolyMax White** is a Phthalate and Heavy Metals free printing ink, for screen printing onto textiles of 100% cotton, poly/cotton and polyester fabric compositions.

#### **Features:**

- Universal Ink
- High bleed resistance efficiency on polyester, uniforms and performance fabrics.
- High Opacity, Good Coverage.
- Easy to handle Viscosity
- Low Cure.

#### **Application Tips:**

Plastisol PolyMax White is a ready to use plastisol screen printing paste. Ink holds a capability of accepting SE-17 plastisol ink viscosity reducer, to adjust as per requirement. Stir well in the container and pour the ink onto the screen to print.

After applying, cure at a recommended temperature for 1 – 1.5 minute to achieve the best elasticity and durability.

#### **Special Recommendations:**

- Do not reduce viscosity of the ink more than necessary, as this may result in change of properties.
- Do not dilute with other inks, as this may result in poor efficiency.
- Keep a strict note of the curing vessel temperature.
- Different fabrics vary in nature; adjust the inks usage and parameters as per the requirements of the fabric.
- To enhance bleed resistance, keep the dryer's belt at the highest possible speed while making sure the ink film reaches the curing temp.
- Do not leave the container open to the atmosphere, to avoid contamination and achieve a stable shelf life.