



#### **CANADA**

STE-104, 461 Blackburn Dr.

Brantford. ON.

N3T 0W9

Ph : +1(647)580-7470

E-Mail: info@bniinks.com

## **PLASTISOL OPTIC LB WHITE (0502)**

### **Technical Data Sheet**

- **Wet Ink Tack:** High
- **After Flash Tack:** Low
- **Printability:** Excellent
- **Surface:** Matte.
- **Opacity:** High
- **Viscosity:** Medium
- **Bleed Resistance:** Low
- **Cure Temp:** 300°F – 320°F
- **Squeegee Hardness:** Medium/Hard
- **Squeegee Blade:** Sharp/Medium
- **Squeegee Angle:** 45-60.
- **Squeegee Speed:** Medium
- **Emulsion:** Direct
- **Mesh Count:** 86-260 (34-100t/cm)
- **Reducer:** SE-17
- **Thickener:** N/A
- **Storage:** 32° C
- **Cleanup:** Screen Cleaner.
- **Substrate type:** Cotton, Poly Cotton Blends.
- **Washing:** Laundry wash, Cold/Hot Wash.

### **Description**

Plastisol OPTIC LB White is a Phthalate and heavy Metal free printing ink, for screen printing onto textiles of 100% cotton and poly cotton blend fabrics. OPTIC White can be used as an underbase white or as a stand alone white itself.

### **Features:**

- Low Bleed properties.
- Soft Viscosity.
- High Opacity, Smooth surface.
- Fast Flashing.
- High Elasticity.
- Feasible for Direct and Heat Transfer printing.

### **Application Tips:**

Plastisol OPTIC LB White is a ready to use plastisol screen printing paste. Ink holds a capability of accepting SE-17 plastisol ink viscosity reducer, to adjust viscosity 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.
- Do not leave the container open to the atmosphere, to avoid contamination and achieve a stable shelf life.