

## OP22 SERIES

The OP22 series is a family of screen printing inks developed for printing on polyolefines, a material that normally presents an adhering problem. Because of their low squeegee resistance, these inks are commonly used for printing on synthetic paper. Good for halftone printing, too.

### **Ink type**

One part, air drying ink

### **Usage**

Good adhesion to olefin materials including all types of olefin-based synthetic paper. Use of polypropylene-based paper is recommended, however, to prevent curling.

### **Characteristics**

Semi-gloss finish

### **Diluent**

Standard solvent: T-900

Slow dry solvent: T-910

Super-slow dry solvent: T-950

### **Washup**

T-907

### **Printing**

Use of Tetoron or nylon screens of 200-300 mesh number is recommended.

Coverage : Approximately 20m<sup>2</sup> /kg on a 250 mesh screen

### **Drying time**

Air-dries at room temperature (25C) in 30 minutes or more quickly in forced drying.

### **Notes**

The ink may gel in cold weather but its original properties are not lost. Heat it in a water bath or agitate it well before use.

## Reference Data

Printed Surface Performance Table

Test Item	Condition	Result
Adhesion	Peeling test on cross cut using cellophane tape	100/100
Water Resistance	Soaked in water for 1 week	Not Affected
Blocking Resistance	Printing Surface: Printing Surface 60C 8 hours (50g/cm <sup>2</sup> )	Exfoliation
Scratch Resistance	Nail Scratch	Exfoliation
Rub Resistance	Rub by hand Printing Surface: Printing Surface	A little exfoliation
Weathering Resistance	200 hours of Xenon weather-o-meter	Not Affected

### Test Conditions

Material: PP seat /PE seat /PP synthetic paper /PE synthetic paper

Drying : 25C 1 week