

# INKCUPS

## PN SERIES TECHNICAL DATA



The Sapphire PN Series is a specialty ink designed for printing on untreated polypropylene. PN Series is a high gloss ink offering excellent adhesion to most polypropylene substrates. The more virgin the substrate, the greater the adhesion without requiring pretreatment. As a 2 component ink, it has exceptional abrasion resistance and an extended pot life of 8-9 hours.

**APPLICATIONS:** polypropylene • treated polypropylene • treated polyester • metal (do preventive tests) • lacquered surfaces • polyurethane

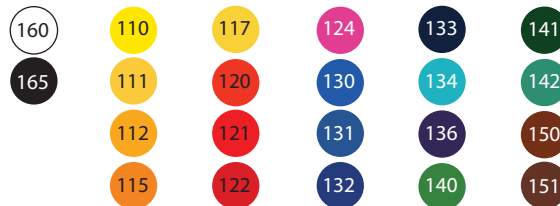
**FEATURES:** One- or two-component ink.  
Glossy finish, fast drying, good opacity.

**OUTDOOR RESISTANCE:** Not suitable for printed objects destined outdoors.

**MECHANICAL & CHEMICAL SOLIDITY:** Excellent resistance to alcohol.  
To achieve good resistance to other agents (gasoline, detergents, cosmetics, oils, etc.) add the 1000H hardener in a ratio of 10%  
Tests must be carried out 3-4 days after printing.

**DRYING PROCESS:** 10-15 minutes at room temperature.  
5 minutes with warm air circulation (122°F).  
Polymerization is complete at room temperature 6-7 days after ink application.  
Pot-life: 6-8 working hours at room temperature.

**COLOR RANGE:**



Also available:  
Metallic colors • Mixing colors • HD colors  
In-house color-matching

**AUXILIARIES & ADDITIVES:**

Fast Solvent	M Solvent
Slow Solvent	MS Solvent
Slowest Solvent	EB or S3 Solvent
Hardener	1000H
Cleaner	EBD

**INK REMOVAL:** InkAway!

**PRODUCT CLASSIFICATION:**

The PN Series Ink is classified as NT (non-toxic) and are formulated with pigments which are free from heavy metals. Safety Data Sheets are available according to UE regulation. Main indications are carried on the product label.  
Not suitable for contact with food (not conform to FDA).

**NOTE:**

Our technical consultancy carried out by word, writing or thorough testing are based on our best knowledge. This does not exempt the customer from carrying out their own testing on our products in order to check their suitability for adhesion.