

# Pad Printing Ink

## Type PM

### Ink Data Sheet

**NOTE:** Read Material Safety Data Sheet (MSDS) Prior To Use

**Ink Type PM** is a single-component product supplied in paste form. Thinner ( if needed ) should be thoroughly mixed with the ink prior to using. During printing, the ink viscosity may be adjusted with thinner (if needed). A retarder may be added to slow drying rate during printing (normally for high room temperatures or multi-color use). Recommended room temperature: 70-78 degrees F. Recommended room humidity 30-50 %

**ADDITIVES:** (See Additives Chart for more listings)

**Thinners:**

THINNER B (5 to 20 % by weight) Faster

VD THINNER (5 To 20 % by weight) Medium

THINNER BGA (5 To 20 % by weight) Slower

**Retarder:**

TPD RETARDER (1 To 3 % by weight)

**DRYING & CURING:**

Ink TYPE PM dries to the touch within 15 – 30 seconds at room temperature. Drying time may be reduced with forced hot air at 200 – 400 degrees F. Normally, full cure is achieved after one to two days depending on curing temperature time; and humidity. Heat curing is necessary for better adhesion and performance results.

**USE & STORAGE INFORMATION**

(For more detailed information see Material Safety Data Sheet (MSDS) for Type PM Ink.

**Ink Type PM:**

Stir ink thoroughly before removing from container. Reseal lid tightly after using.

Warranty Period: One year from ship date (in original sealed container)

**HARDENER:** Reseal container immediately after using. Hardener is humidity sensitive. As moisture is absorbed, the viscosity first increases, then starts forming crystals. Do not use when crystals first appear.

Warranty Period: one year from ship date (in original sealed container)

**THINNER:** Reseal lid tightly after using. Warranty Period: two years from ship date (in original sealed container)

**RETARDER:** Reseal lid tightly after using. Warranty Period: two years from ship date (in original sealed container)

**STORAGE OF ALL PRODUCTS:** At room temperature 60 to 80 Degrees F with low humidity.

# Pad Printing Ink

## Type PM

### Ink Data Sheet

#### Recommended Printing Substrates:

# : Indicates substrate may require pretreatment.

#### THERMOPLASTICS

- Polypropylene #

#### AVAILABLE COLORS:

Ink Type PM is available in:

- Process colors
- C-Mix 2000 Color Matching System
- Custom Colors Available Upon Request

**\*\*Since operating conditions and applications are beyond our control, Trans Tech can not guarantee results, nor assume liability for any problem that may arise.**

**The user should test the suitability of the product for its intended application. No warranty for results obtained, expressed or implied, can be assumed by Trans Tech.**



#### Trusted Partner for Your Product Decorating Needs

Trans Tech 475 North Gary Avenue, Carol Stream, IL 60188

Tel +1 (630) 752 4000 Fax +1 (630) 752 4467

Email [sales@itwtranstech.com](mailto:sales@itwtranstech.com)

[www.itwtranstech.com](http://www.itwtranstech.com) [www.itwids.com](http://www.itwids.com)

A MEMBER OF

