

Micro PAD - PDC

Quick Drying, Glossy Finish, Opaque

Pad Printing Inks



Substrates :

PVC, polycarbonate, acrylic, ABS, polystyrene, HIPS

Application

Packaging containers, molded articles, gift novelties, etc.

Characteristics

- Quick drying with excellent transfer property - suitable for wet-on-wet printing
- Excellent adhesion
- High gloss finish with high opacity
- Good resistance to water, detergents, lubricants etc
- Non-toxic, meets EN- 71 part 3 Toy safety standard for heavy metals*

Drying

The print becomes surface dry in 1 to 3 minutes and hard dry in 20 to 30 minutes at a temperature of 25°C making them suitable for stacking

It takes about 5 - 7 minutes to become hard dry when passed through a tunnel oven at 50 to 70°C

Range

Micro PAD - PDC Matching System : Almost any shade can be matched by mixing the selective inks of the matching system which comprises of the basic shades as follows :

Match Light Yellow	PDC - 101	Match Violet	PDC - 141
Match Mid Yellow	PDC - 102	Match Ultra Blue	PDC - 151
Match Deep Orange	PDC - 111	Match Deep Blue	PDC - 152
Match Scarlet Red	PDC - 121	Match Green	PDC - 161
Match Carmine Red	PDC - 122	Match Tinting White	PDC - 171
Match Magenta	PDC - 131	Match Tinting Black	PDC - 181
Mixing Clear Base	PDC - 191	Mixing Extender Base	PDC - 192

Spot Colours

Bright Yellow	PDC - 201	Sky Blue	PDC - 251
Light Yellow	PDC - 301	Royal Blue	PDC - 252
Mid Yellow	PDC - 302	Reflex Blue	PDC - 253
Light Orange	PDC - 211	Yellow Green	PDC - 261
Deep Orange	PDC - 311	Grass Green	PDC - 262
Vermilion	PDC - 221	Forest Green	PDC - 263
Scarlet	PDC - 322	Opaque White	PDC - 271
Brilliant Red	PDC - 223	Brilliant White	PDC - 272
Purple	PDC - 241	Dense Black	PDC - 281

*Note: PDC- 301, PDC -302, PDC -311, PDC -322 are Lead containing inks which do not comply with EN-71.3

Process Colours

Cyan	PDC - 401
Magenta	PDC - 402
Yellow	PDC - 403
Black	PDC - 404

By adding Extender Base PDC-192, the ink density can be reduced. The ink density can be increased by adding ink concentrates for the process colours in required proportion or by increasing ink deposition.

Metallic Inks (Bronzes)

RichGold	SH - 801
Rich Pale Gold	SH - 802
Silver	SH - 804
Metallic Clear Base	PDC - 191

Recommended mixing ratio of Metallic Pigment with PDC - 191 1:4 to 1:6

The metallic ink made by mixing the metallic pigment with Metallic Clear Base should be processed within 6-8 hours

PAD PRINTING ATM:

Any Quantity

Any Colour

Any Substrate

Any Time

Micro Inks revolutionises pad inks with its Pad Printing Inks ATM (Any Time Matching). Get your inks in 15 minutes flat.

Micro Inks Limited offers INSTANT COLOUR MANAGEMENT SOLUTION to commercial printers, packaging companies and distributors by introducing Computerized Colour Matching Software.

Contact us for detail information on Technology, Infrastructure and Equipments.

Auxiliaries :

Reducer : AX-931 can be added 10 to 20 % to the ink to get desired consistency

Retarder : AX-932 can be added 10 to 20 % to the ink to get desired consistency when required to make the ink slow drying. Even a suitable combination of the Retarder with the Reducer can be used to get desired retarding effect

Quick Dry Reducer : AX -933 can be used instead of AX - 931 for very high speed printing job

Over print Varnish PDC-193: for improvement of fade and scratch resistance of the print

Material Safety Data Sheet is available on request

Note : The Technical information sheet reflects the current state of our knowledge. This information is compiled based upon field experience and extensive laboratory testing. However, customers are requested to satisfy themselves that the products meet their requirements in all respects before starting a print run. Since the printing conditions are not under our control, no guarantee can be given for their performance.