

MicroP AD-PDC

QuickDrying, 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 :

MatchLight Yellow	PDC-101	MatchViolet	PDC-141
MatchMid Yellow	PDC-102	MatchUltraBlue	PDC-151
MatchDeepOrange	PDC-111	MatchDeepBlue	PDC-152
MatchScarletRed	PDC-121	MatchGreen	PDC-161
MatchCarmineRed	PDC-122	MatchTintingWhite	PDC-171
MatchMagenta	PDC-131	MatchTintingBlack	PDC-181
MixingClearBase	PDC-191	MixingExtenderBase	PDC-192

Spot Colours

Bright Yellow	PDC-201	SkyBlue	PDC-251
Light Yellow	PDC-301	RoyalBlue	PDC-252
Mid Yellow	PDC-302	ReflexBlue	PDC-253
LightOrange	PDC-311	YellowGreen	PDC-261
DeepOrange	PDC-311	GrassGreen	PDC-262
Vermilion	PDC-221	ForestGreen	PDC-263
Scarlet	PDC-322	OpaqueWhite	PDC-271
BrilliantRed	PDC-223	BrilliantWhite	PDC-272
Purple	PDC-241	DenseBlack	PDC-281

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

ProcessColours

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
RichPaleGold	SH-802
Silver	SH-804
MetallicClearBase	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.