

# Technical Data Sheet

## BFD - BURGADIA

*"Burgadia process colors are formulated for flexo prints, having high color strength, suitable for lamination, can be used with high speed machines with high anilox values."*

# Flexo

### PRINTING METHOD:

- Flexo

### CHARACTERISTICS:

- High pigmentation
- Perfect printing ability
- Perfect adhesion and flexibility
- Suitable for high speed machines and anilox values.

### PRINTING MATERIAL:

- Polypropylene (OPP, BOPP, COEX)
- Polyethylene (LD-PE, HD-PE)
- Paper, board and aluminum

(For polypropylene and polyethylene materials surface tension must be minimum 38 Mn/m)

### THINNING:

- Ethylalcohol %80
- Ethylacetate %20

After thinning ink for printing viscosity (18-22 sn DIN CUP 4) if the color strength is still high BFD 0001 varnish should be used for color adjustment.

### RETARDING:

- Ethoxypropanol or methoxypropanol

For lamination jobs if retarder to be used, it should not exceed %5. It may cause delamination.

### VARNISH:

- BFD0001

### LAMINATION:

BURGADIA inks are specially formulated for lamination jobs. No special type of additive is needed for lamination.

### SURFACE PRINT JOBS:

In order to increase the rubbing and scratching resistance, %3-%6 addition of KT 0002 additive is needed.

### PHYSICAL PROPERTIES:

- Production Viscosity: 30-35 sec ( 25°C / Din Cup 4 )
- Print Viscosity : 18-22 sec ( 25°C / Din Cup 4 )
- Adhesion : Min 5
- Elasticity : Min 5

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### SHELF LIFE:

- For sealed buckets at room temperature shelf life is 1 year.

CODE	COLOR	LIGHT FASTNESS (Full)	LIGHT FASTNESS (Tint)
BFD 0001	VARNISH	-	-
BFD 1202	PROCESS YELLOW	4-5	3-4
BFD 3202	PROCESS MAGENTA	4-5	3-4
BFD 5202	PROCESS BLUE	7-8	6-7
BFD 8202	PROCESS BLACK	8	8

(1) lowest, (8) highest (Light Fastness values are defined as Blue Wool scale)



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