

# Technical Data Sheet

## FLE - FLEXOTOP

*“FLE – Flexo series are formulated for surface printing and has a very good resistance to scratch and rubbing.”*

Flexo

### PRINTING METHOD:

- Flexo

### CHARACTERISTICS:

- Perfect adhesion and flexibility
- Perfect printing ability
- High scratch and rubbing resistance

### PRINTING MATERIAL:

- Polypropylene (OPP, BOPP COEX.)
- Polyethylene (LD-PE, HD-PE )

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

### APPLICATION:

- FLE Series, are formulated for flexo surface printing. Not proper for lamination processes.

### THINNING:

- Ethylalcohol %70
- Ethylacetate %30

### RETARDING:

- Ethoxy propanol or methoxy propanol

After having the printing viscosity with solvent (18-22 sec. DIN CUP 4) if the color strength is still high, then, FL 0004 can be used for color adjustment.

### VARNISHES:

- FL0004
- BFT0001
- BRL0001

### PHYSICAL PROPERTIES:

- Production Viscosity: 30-35 sec ( 25°C / Din Cup 4 )
- Printing Viscosity : 18-22 sec ( 25°C / Din Cup 4 )
- Adhesion : Min 4
- Elasticity : Min 4
- Scratch : Min 4
- Heat Resistance : 100-120 °C
- Drying : 25-35 sec ( 25°C )

(1) Poor, (5) Excellent

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### STORAGE AND SHELF LIFE:

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

PRODUCT CODE	COLOR	LIGHT FASTNESS (Full)	LIGHT FASTNESS (Tint)
FLE 0700	SILVER	7	7
FLE 0718	MAT LACQUER	-	-
FLE 0851	IMITATION GOLD	3-4	2-3
FLE 1202	PROCESS YELLOW	4-5	3-4
FLE 2021	ORANGE	3-4	2-3
FLE 2201	ORANGE	3-4	2-3
FLE 3122	WARM RED	3	1-2
FLE 3321	RED	3	1-2
FLE 3032	RED (P.032C)	3	1-2
FLE 3076	RED (BIM)	3	1-2
FLE 3385	RED (P.185 C)	3	1-2
FLE 3202	PROCESS MAGENTA	4-5	3-4
FLE 3503	RUBIN RED	4-5	3-4
FLE 3251	RHODAMINE	3-4	2-3
FLE 4051	VIOLET	3-4	2-3
FLE 4951	PURPLE	3	1-2
FLE 5202	PROCESS BLUE	7-8	6-7
FLE 5051	REFLEX BLUE	3-4	2-3
FLE 5072	DARK BLUE 072.C	3-4	2-3
FLE 5138	DARK BLUE	3-4	2-3
FLE 6316	GREEN-C	8	7-6
FLE 6317	GREEN	5	4
FLE 8202	PROCESS BLACK	8	8
FLE 8012	MAT BLACK	8	8
FLE 8022	RAVEN BLACK	8	8
FLE 9212	WHITE	7-8	7-8

(1) Lowest, (8) Highest (Light Fastness scales are defined as Blue Wool Scale)



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