

Technical Data Sheet

RXL-EKSTRALAM

“RXL is an extra special serie which is designed for polypropylene, ethylene and polyamid materials for rotogravure machines with very low solvent retention.”

Rotogravure

PRINTING METHOD :

- Rotogravure

CHARACTERISTICS :

- Perfect adhesion and flexibility
- Suitable for lamination (both for solvent based and non-solvent based adhesives)
- High heat resistance
- Very low solvent retention
- Perfect printing ability and transferability.

PRINTING MATERIALS :

- Polypropylene (OPP, BOPP COEX.)
- Polyamide
- Chemical Treated Polyester

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

For pre-treated polyester, before printing the corona must be checked.)

THINNING :

- Ethylalcohol %30
- Ethylacetate %70

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 adjution.

RETARDING :

- Ethoxypropanol or methoxypropanol

VARNISH :

- RXL0001

LAMINATION :

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

SURFACE PRINTING JOBS :

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

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FİZİKSEL ÖZELLİKLER:

- Production Viscosity: 30-35 sec (25°C / Din Cup 4)
- Printing Viscosity : 14-18 sec (25°C / Din Cup 4)
- Adhesion : Min 5
- Elasticity : Min 5
- Heat Resistance : 250-280 °C (1psi/sec)
- Drying Time : 15-25 sec (25°C)

(1) Weak, (5) Strong

SHELF LIFE:

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

ÜRÜN KODU	ÜRÜN RENGİ	IŞIK HASLIĞI (Full)	IŞIK HASLIĞI (Tint)
RXL 0001	VARNISH	-	-
RXL 0700	SILVER	7	7
RXL 0851	İM. GOLD	3	1-2
RXL 1202	PROCESS YELLOW	4-5	3-4
RXL 2021	ORANGE	5-6	4
RXL 3122	WARM RED	3	1-2
RXL 3385	RED 185.C	3	1-2
RXL 3485	RED 485.C	3	1-2
RXL 3202	PROCESS MAGENTA	4-5	3-4
RXL 3251	RHODAMINE	3-4	2-3
RXL 4051	VIOLET	3-4	2-3
RXL 4951	PURPLE	3	1-2
RXL 5202	PROCESS BLUE	7-8	6-7
RXL 5014	REFLEX BLUE	3-4	2-3
RXL 5072	DARK BLUE 072.C	3-4	2-3
RXL 5585	DARK BLUE	3-4	2-3
RXL 6316	GREEN C	8	6-7
RXL 8202	PROCESS BLACK	8	8
RXL 9201	WHITE	7-8	7-8

(1) Weak , (8) Strong (Light Fastness values are defined as Blue Wool Scale.)



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