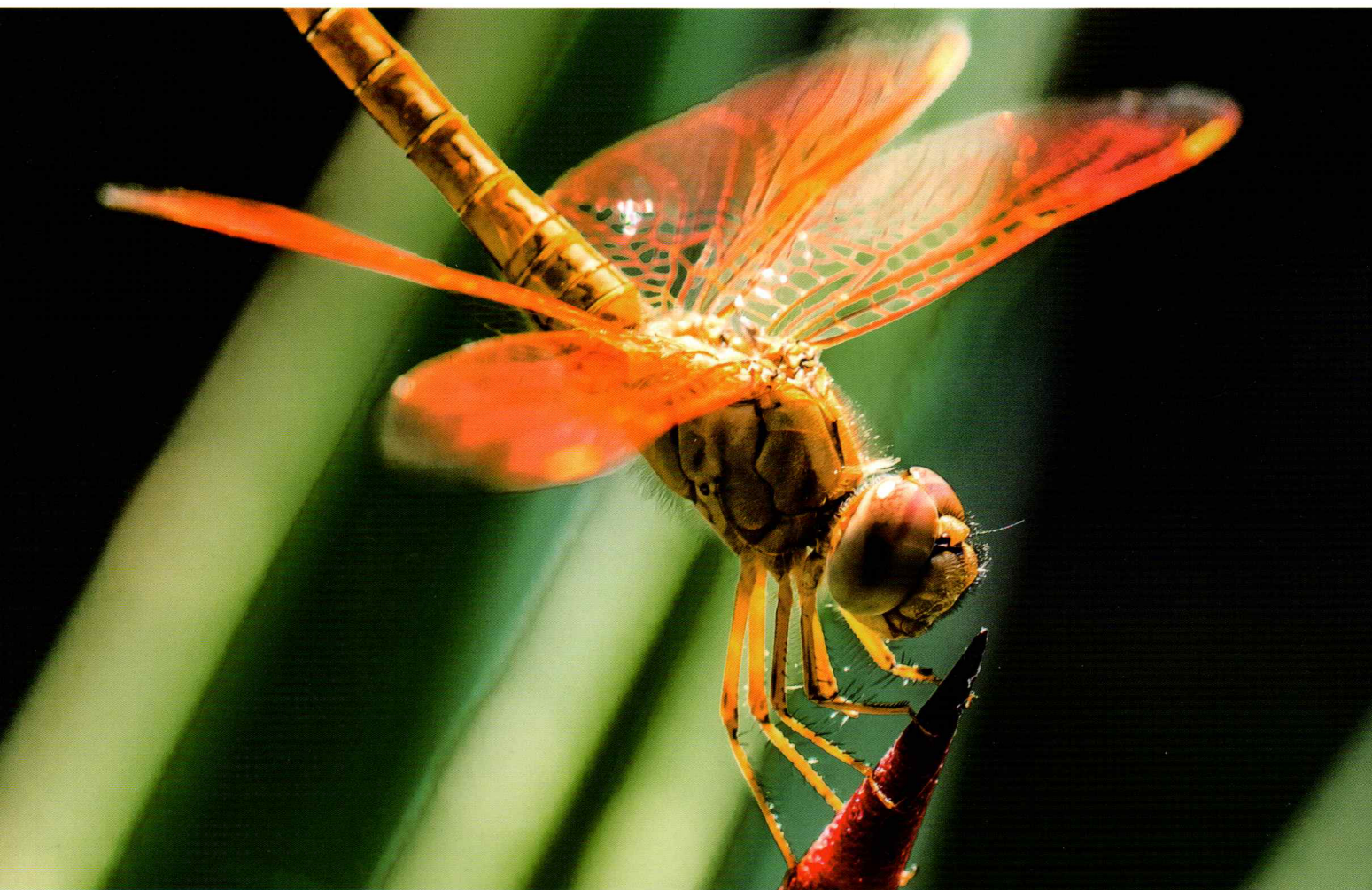


丽源素®
LIYUANSOL®

FL/BLF/FS/HS 浸染

FL/BLF/ FS/HS SERIES - EXHAUSTION



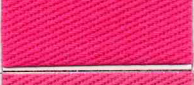
COLOR ROOT

湖北丽源科技股份有限公司
HUBEI COLOR ROOT TECHNOLOGY CO.,LTD

丽源素 FL 型高日晒活性染料

LIYUANSOL FL series for high light fastness

- 1、主要用于浅中色，高耐晒高光汗色牢度
Mainly for pale to medium shades, high light and perspiration-light fastness
- 2、工艺适用性强，可用于浸染，轧染，冷轧堆
Versatile dyeing processes for exhaustion, continuous and CPB
- 3、易清洗，湿牢度优异
Easy washing off, excellent wet fastness
- 4、良好的耐过氧化物漂白与多次洗涤牢度
Good oxidative bleach damages and repeat laundering fastness
- 5、使用灵活，可与其他型号丽源素染料配伍
Flexibility in application, compatible with other Liyuansol dyes
- 6、符合Oeko-Tex标准及环保要求
Conform to Oeko-Tex standard and environmental requirement
- 7、配伍性优良，操作简单
Good compatibility, easy handling

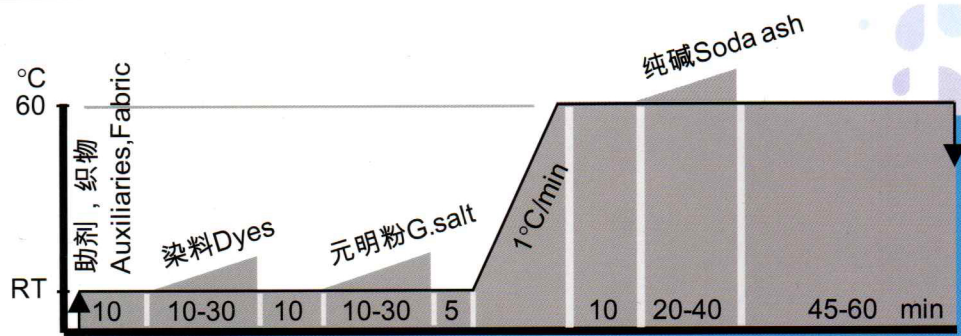
丽源素FL型染料 LIYUANSOL FL		溶解度 Solubility 50 °C	耐晒色牢度 Light fastness ISO 105-B02			耐洗色牢度 Washing fastness ISO 105-C06 C1S		耐汗渍色牢度 Perspiration AATCC 15		耐氯水色牢度 Chlorinated water ISO 105-E03
0.5 %		g/L	1/12SD	1/6SD	1/1SD	CH	CO	CH	CO	10ppm
艳黄FL-5G Br. Yellow		100	4	4-5	5	4-5	4-5	4-5	4-5	3-4
黄FL-2RN ★ Yellow		100	4-5	5	5-6	5	4-5	4-5	4-5	4
黄FL-NP ◆ Yellow		100	5	5-6	6-7	5	4-5	5	4-5	4
大红FL-3GL ★ Scarlet		100	3-4	4	5	5	4-5	4-5	4-5	4-5
红FL-R Red		80	3	3-4	4-5	5	4-5	5	4-5	4
红FL-2BL ★ Red		100	5	5-6	5-6	5	4-5	5	4-5	2-3
艳蓝FL-4R Br. Blue		100	4-5	5	6	5	4-5	5	4-5	2
蓝FL-RN ★ Blue		100	4-5	5	7	5	4-5	4-5	4-5	3-4

备注Note: ★高日晒三原色Ternary for high lightfastness, ◆无光致色变Non-photochromic, ★1%染色Dyeing, CH=色变Color change, CO=棉沾Cotton staining

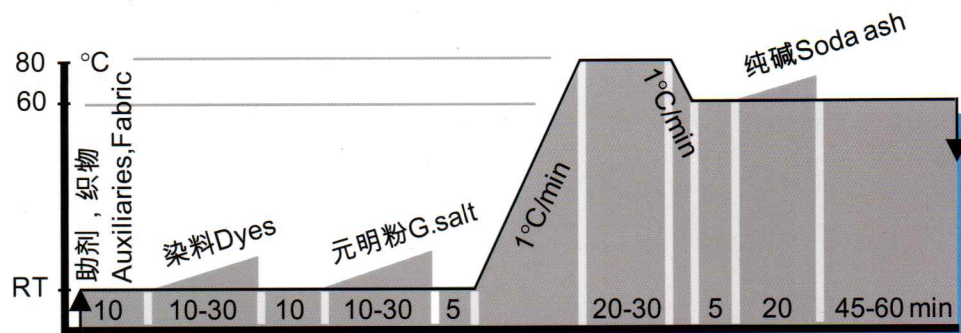
浸染工艺

Exhaustion Dyeing Process

中温染色
Warm Dyeing 60 °C



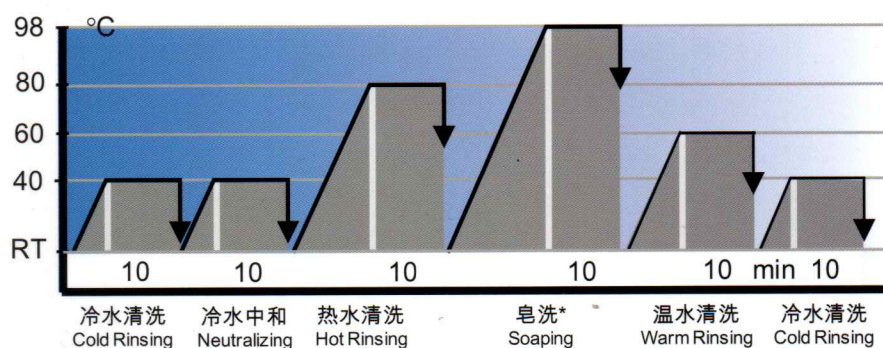
高温移染/中温染色
Migration / Warm Dyeing
80/60 °C



盐碱表
Chemical dosage

非丝光棉, non-mercerized cotton, LR10:1							
染料Dyestuff	%	<0.5	0.5-1	1-2	2-3	3-5	>5
元明粉Glauber's Salt	g/L	30	40	50	70	80	100
纯碱Soda Ash	g/L	8	12	15	20	20	20

浸染后清洗
Exhaustion
washing off process



*建议深色98°C皂洗两遍 a second soaping at 98°C is recommended for dark shades



COLOR ROOT

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Disclaimer: The testing data in this pattern card is obtained from our company Lab. We will not overtake any risk caused by this. Every factory has difference in index data because of different process, dyeing material, water, chemicals etc. as such factors, the data is just for your reference. Your lab experiment is highly suggested before initiating mass-production.

CRExhaustion-RE-B-V3-1500-June2019SH