

INTRASIL E-RD AND UN-SE SERIES

英彩休E-RD和UN-SE系列



Intrasil Disperse Dyes
—E-RD and UN-SE Series
英彩休分散染料
—E-RD和UN-SE系列

Intrasil E-RD and UN-SE Series are ideally suitable for situations where levelness and reproducibility may be a problem, for example: 英彩休E-RD和UN-SE系列染料是解决匀染和重现性问题的理想选择, 例如:

- Beam dyeing of polyester lining fabrics
- 涤纶内衬面料的经轴染色
- Package dyeing of polyester yarn
- 涤纶纱的筒子染色
- Package dyeing of polyester zips
- 涤纶拉链的筒子染色
- Jig dyeing of polyester lining fabrics
- 涤纶内衬面料的卷染

Intrasil E-RD and UN-SE Series offer the following outstanding features:










英彩休E-RD和UN-SE系列染料具有以下突出特点:

- Excellent compatibility in all shades
- 染所有色光时都有优异的配伍性能
- Insensitivity to variations in time and temperature
- 在时间和温度变化时不敏感
- Exceptional level dyeing properties
- 特别优秀的匀染性能
- Good migration properties
- 很好的迁移性能
- High exhaustion rates
- 高竭染率
- Good all-round fastness properties
- 所有牢度性能都优秀

Recommended combinations

推荐三原色组合

Pale	Pale-Medium	Medium-Dark
浅三原色	浅中三原色	中深三原色
Yellow E-RD	Yellow UN-SE	Orange UN-SE
Red E-RD	Red UN-SE	Rubine UN-SE
Blue E-RD	Blue UN-SE	Navy UN-SE

Intrasil Disperse Dyes —E-RD and UN-SE Series 英彩休分散染料 —E-RD 和 UN-SE 系列				
		Intrasil 英彩休	1/1 SD 标准深度(%)	日晒牢度 1/1 SD Fastness to light (Xenon) 1/1 SD
	Yellow E-RD	黄 E-RD	2.1	7
	Red E-RD	红 E-RD	3.3	6
	Blue E-RD	蓝 E-RD	1.5	7
	Yellow UN-SE	黄 UN-SE	0.9	7
	Orange UN-SE	橙 UN-SE	1.1	6-7
	Red UN-SE	红 UN-SE	1.5	5-6
	Rubine UN-SE	红玉 UN-SE	1.2	6
	Blue UN-SE	蓝 UN-SE	1.4	5-6
	Navy UN-SE	藏青 UN-SE	1.8	5-6

印花/高压汽蒸法 Printing/PS fixation 印花/高温汽蒸法 Printing/HTS fixation Washing Fastness C4A (50°C) 热迁移牢度 C4A (60°C) Sublimation (180°C X 30 sec) 升华牢度 Thermofixation (optimum temp. °C) 热溶染性 (适宜温度 °C)	酸碱稳定值 PH stability Barre Coverage 条花覆盖性 Level Uptake 匀染性	3-10	3-10	3-9	3-8	3-9	3-9	3-10	4-7	3-6
++	+++	3-10	-	2-3	+	-	++	++	++	++
++	+++	3-10	-	2	+	-	++	++	++	++
++	+++	3-9	-	2-3	+	-	++	++	++	++
++	+++	3-8	200	3-4	+	+	++	++	++	++
+++	+++	3-9	200	4	++	+	++	++	++	++
++	++	3-9	200	3-4	+	+	++	++	++	++
++	++	3-10	210	3-4	+	+	++	++	++	++
++	++	4-7	200	3-4	+	+	++	++	++	++
+++	+	3-6	210	4	+	+	++	++	++	++

Benefits of Intrasil E-RD and UN-SE Series: 英彩休E-RD和UN-SE系列染料的特点:

- Increased dyehouse productivity
提高染厂的生产率
- Potential for right-first-time dyeing
 - 实现“一次染中”染色的可能
 - Highly suitable for rapid dyeing techniques
 - 高度适合快速染色
- Exceptional reproducibility even in difficult conditions due to
在困难条件下也有优异的重现性
- Highly compatible exhaustion rates
 - 极佳的配伍性能
 - Stability to process variables
 - 对工艺条件的变化稳定
 - Excellent coverage of variation in fabric quality (barre)
 - 对织物质量的变化有优异的覆盖性能（条痕）

Note: In proper use all dyes result in compliance with OekoTex 100 Standard (01/2010) requirements.
注：在正确的使用条件下，此系列染料都符合Oeko Tex 100标准（01/2010）的要求。

Polyester / cellulosic blends
涤纶/纤维素混纺

Polyester/cellulosic blends of yarn or fabric can be dyed with Intrasil E-RD and UN-SE Series and high temperature stable Intralite direct dyes using a single-bath, single-stage dyeing method.
使用英彩休E-RD和UN-SE系列染料和耐高温的英彩丽（Intralite）直接染料染涤纶/纤维素纤维混纺的纱线或织物时可以采用一浴一步法染色。

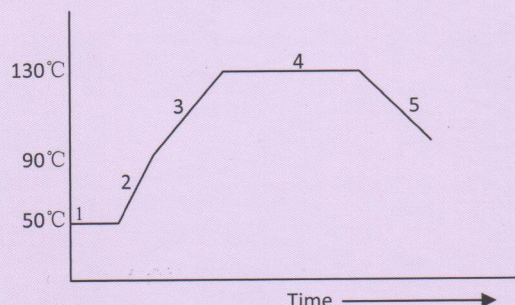
Intrasil E-RD and UN-SE Series are suitable for the dyeing of polyester / cellulosic blends with the Intracron range of reactive dyes.
英彩休E-RD和UN-SE系列染料适合与英彩克隆（Intracron）系列活性染料一起用于涤纶/纤维素纤维混纺染色。

Typical Dyeing Process 常规染色工艺

Intrasil E-RD and UN-SE Series show exceptional compatible exhaustion rates enabling the dyer to use a higher rate of increase in temperature than normal.

英彩休E-RD和UN-SE系列染料显示出的特别优秀的配伍性能,使得工厂可以采用比一般染料更快的升温速度进行染色。

建议根据实际条件先进行测试。



1, After preparation set the bath at 50°C with:

前处理后, 设置染浴温度为50°C

X% Intrasil E-RD and UN-SE Series

X%英彩休E-RD和UN-SE系列染料

1-2g/l Dyapol AB (pH4.5)

1 - 2克/升Dyapol AB (pH4.5)

2, Raise the temperature to 90°C at 2 -4°C per minute

2-4°C /分钟, 升温到90°C

3, Raise the temperature to 130°C at 1.5 -3°C per minute

1.5-3°C /分钟, 升温到130 °C

4, Maintain at 130°C for 20 -45 minutes depending on the depth of shade

根据染色深度在130 °C保温20 -45分钟

5, Cool to 70°C at 1 -2°C per minute Drop liquor and aftertreat as required

1 -2°C /分钟, 降温到70°C, 排液, 若有需要可进行后处理

Aftertreatment后处理

A reduction clear treatment will be required to obtain optimum wet fastness particularly in darker shades.

为达到最佳的湿牢度, 特别是对于较深的颜色, 需要进行还原清洗处理。

A typical process is given below:

常规工艺如下:

Set the bath at 50°C with:

设置染浴温度为50°C:

2 g/l Caustic Soda 2克/升烧碱

2 g/l Sodium Hydrosulphite 2克/升保险粉

1 g/l DyamulRCL 1克/升得亚美RCL

Raise the temperature to 70°C and run for 20 minutes

升温至70°C, 运行20分钟

Drop the bath, rinse and neutralise with acetic acid.

排液, 冲洗, 醋酸中和

Explantains 注释

Level Uptake/ Barre 'Coverage 匀染性/条花覆盖性

+++ very good +++ 非常好

++ medium to good ++ 中等好

+ poor + 差

Printing 印花

++ suitable ++ 适合

+ suitable with restrictions + 受限制条件的适用

- not suitable - 不适用