

LAUGAL TP

酸性和酸性含金属染料染色均染性
Dyeing levelling with acid and metal complex dyestuffs

化学成分 / Chemical Character	烷基胺和烷基硫酸衍生物 / Combination of alkyl-amine eter and alkylaryl sulphuric derivative
外观 / Appearance	琥珀色透明液体 / Ambered-yellow clear liquid
离子性 / Ionic character	阴-非离子 / Anionic-non-ionic
使用量 / Indicative Dosage	0.5 ~ 2.0 %

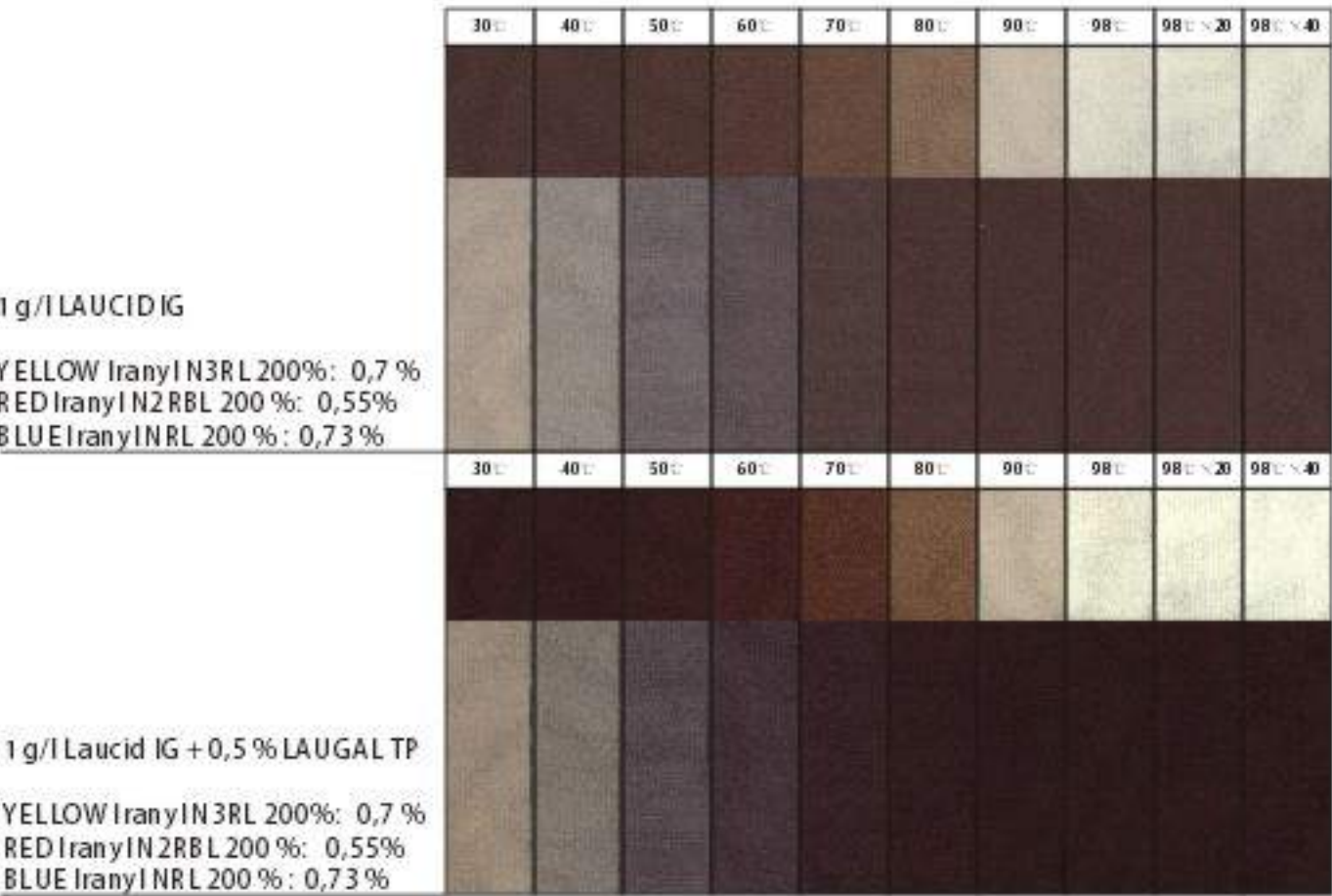
特性:

- 高效均染性能;
- 优异的渗透性;
- 能优异地增进吸墨率;
- 良好的染料与纤维亲和性。

Characteristics:

- High levelling power
- Excellent penetrating results
- Excellent exhaustion adjustment
- Affinity to both dyestuff and fibre.

浸染染色浴中使用
Dyeing and exhausting bath by using



LAUCID IG & LAUCID BL

酸性 pH 滑动剂
Acid donor - pH regulator

化学成分 / Chemical Character	有机酯 / Organic ester
外观 / Appearance	浅色清澈液体 / Lightly coloured limpid liquid
离子性 / Ionic character	阴离子 / Anionic
使用量 / Indicative Dosage	0.5 ~ 2.0g/l

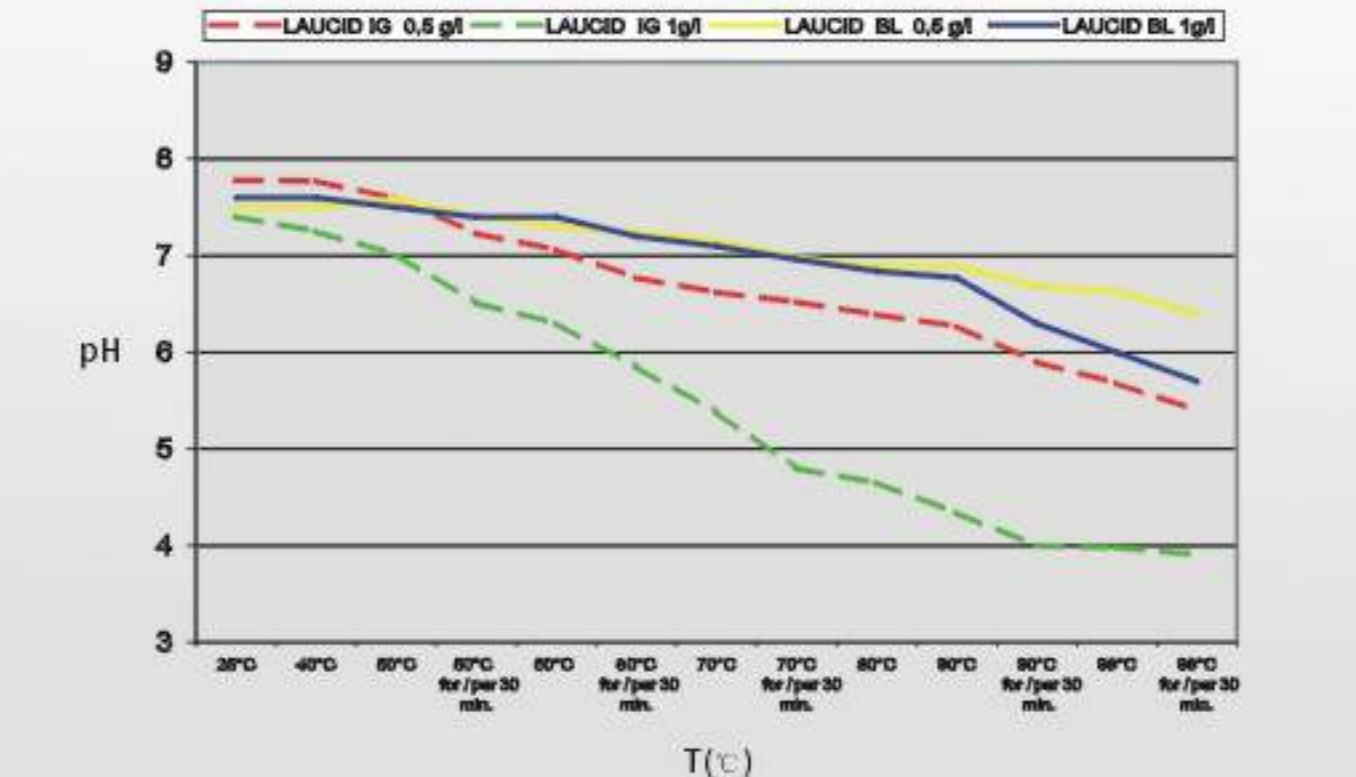
特性:

- 随着温度的升高染浴 pH 平滑下降，提高染料在纤维上的移染和均染性;
- 确保染色的重现性;
- 亦适用于羊毛和真丝的染色。

Characteristics:

- Increasing the temperature it decreases gradually the bath pH and improves the migration and the levelling of the dyestuff on the fibre.
- It ensures a very good dyeing reproducibility
- Suitable on wool and silk dyeing too

使用 LAUCID IG 和 LAUCID BL 的 pH 变化
pH variation using LAUCID IG - LAUCID BL



UGUAL Q

用于聚酰胺含弹性纤维织物皂洗剂，可以用于酸性和酸性含金属染料的印花和染色
Soaping agent to wash polyamide fabrics containing elastomer, printed or dyed with acid and metal complex dyestuffs.

化学成分 / Chemical Character	季铵盐衍生物 / Derivative quaternary ammonium
外观 / Appearance	黄色透明液体 / Yellowish clear liquid
使用量 / Indicative Dosage	1.0 ~ 2.0 g/l

特性:

- 分散和胶体保护，预防染色后染料在纤维上的残留;
- 适用于印花;
- 与 LAUFIX PA 并用，可提高聚酰胺在酸性和酸性含金属染料印花和染色的湿牢度。

Characteristics:

- Dispersing and colloid protecting, after dyeing it prevents dyestuff deposit on the fibre.
- It can be applied on printed fabrics.
- It improves, when used together with LAUFIX PA, wet fastness of polyamide dyeing and prints made with acid and metal complex dyestuffs.

60℃ 的水洗牢度 (ISO 105 C03) / WASH FASTNESS AT 60℃ (ISO 105 C03)

	S.D.C. MULTIFIBRE TEST FABRIC					
	Ace	Co	N	T	Acr	W
No stripped fabric / 未皂洗						
LAUFIX PA / 固色						
2 bath/ 皂洗后固色 1° UGUAL Q 20 g/l (60℃ 20 Min.) 2° LAUFIX PA 4 % (70℃ 20 Min. pH4)						

LAUFIX PA

用于聚酰胺纤维及其混纺织物的染色和印花后处理固色剂
Fixing agent used as after treatment of dyeing and prints of polyamide fibres and their blends

化学成分 / Chemical Character	芳基磺酸盐 / Arylsulphonate
外观 / Appearance	黄棕色液体 / Yellow-brown coloured liquid
离子性 / Ionic character	阴离子 / Anionic
使用量 / Dosage	浸染 / By exhaustion: 2.0-4.0%

特性:

- 提高聚酰胺及其混纺织物在酸性和酸性含金属染料的湿牢度。
- 不影响染色的色调和日光牢度。

Characteristics:

- It improves all kind of wet fastness on polyamide fibres and blends dyed by acid and metal complex dyestuffs
- It does not influence the shade and the light fastness of dyeing

LAUFAST BHT

酚酞黄化防止剂-阻止纤维中硝基酚化合物的吸收，一般使用在螢光增白与浅色织物。
Phenolic yellowing inhibitor - it prevents nitrophenolic compounds absorption in the fibre - generally used on optically bleached grounds and on pastel shades.

化学成分 / Chemical Character	磺酸衍生物 / Derivative of sulphonic acid
外观 / Appearance	黄色透明液体 / Clear yellow liquid
离子性 / Ionic character	阴离子 / Anionic
用法及用量 / Dosage	压染 / By padding: 5.0 ~ 20.0 g/l 浸染 / By exhaustion: 1.0 ~ 3.0 %

特性:

- 經由阻截聚酰胺末端氨基基来抑制酚酞泛黄;
- 与阴离子螢光增白剂相容;
- 不影响色牢度。

Characteristics:

- It inhibits phenolic yellowing blocking polyamide final amino groups.
- Compatible with anionic optical brighteners
- It does not affect fastness

酚酞泛黄根据 M & S CB 20 B / Phenolic yellowing in accordance to M & S CB 20 B

	未处理 / Untreated
	OBA 浸染漂白 (命名为 "A") / OBA exhaust bleaching (named "A") BLANCOLUX PL 1.0 % SOLVIPOL ECL 2.0 g/L Stabilized hydrosulphite 4.0 g/L A 98℃ × 30 min
	"A" 通过压吸处理 / "A" with after treatment on padder LAUFASH BHT 15 g/L 定型干燥 / Fixed: 170℃ × 30s
	"A" 通过压吸处理 / "A" with after treatment on padder LAUFASH BHT 15 g/L LAUCID FC 1.0 g/L 定型干燥 / Fixed: 170℃ × 30s
	"A" 通过压吸处理 / "A" with after treatment on padder LAUFASH BHT 15 g/L LAUCID FC 1.0 g/L 定型干燥 / Fixed: 170℃ × 30s

结论 / Conclusion:

从测试报告可以看出，用 LAUFASH BHT 15g/L（在酸浴中用 LAUCID FC 效果会更好）在压吸应用下可以解决酚酞泛黄现象。

As can be seen from the tests, the phenolic yellowing can be avoided by treating afterwards the fabric with 15 g/l LAUFAST BHT (even better if in acid bath by LAUCID FC) by padder.