

劳佳 TE / LAUGAL TE 分散染料均染剂
Environment-friendly levelling agent

| | |
|-------------------------|------------------------------|
| 化学成分 / Chemical nature | Alchile - sulfonate ether |
| 外观 / Appearance | 棕色透明液体 / Limpid brown liquid |
| 离子性 / Ionic character | 阴-非离子 / Anionic-non ionic |
| 使用量 / Indicative Dosage | 0.5 ~ 1.5 g/l |

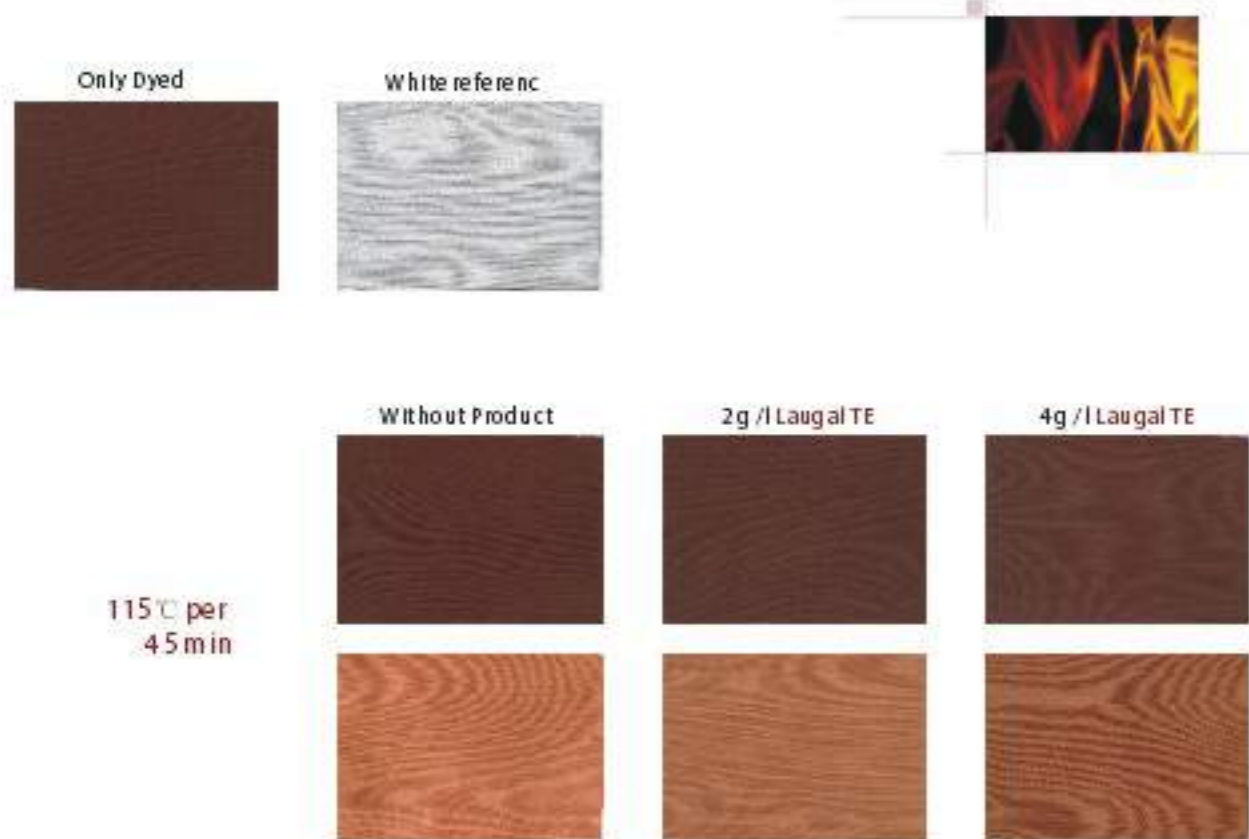
特性:

- 强效的均染和渗透功能;
- 去除油脂和蜡的乳化力佳;
- 极优异的泳移性;
- 可以使用快速升温染色曲线。

Characteristics:

- Levelling and penetrating.
- Good emulsifying action against oils and wax.
- Very good migrating properties.
- Use of high speed setting gradients.

移染性试验
Migration Power Test



劳仕德 MPT / LAUCID MPT 分散染料PH稳定剂
PH buffer with dispersing properties.

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|-------------------------|-----------------------------|
| 化学成分 / Chemical nature | Alchile-naftalenosulfonate |
| 外观 / Appearance | 棕色透明体 / Limpid brown liquid |
| 离子性 / Ionic character | 阴离子 / Anionic |
| 使用量 / Indicative Dosage | 0.5 ~ 1.5 g/l |

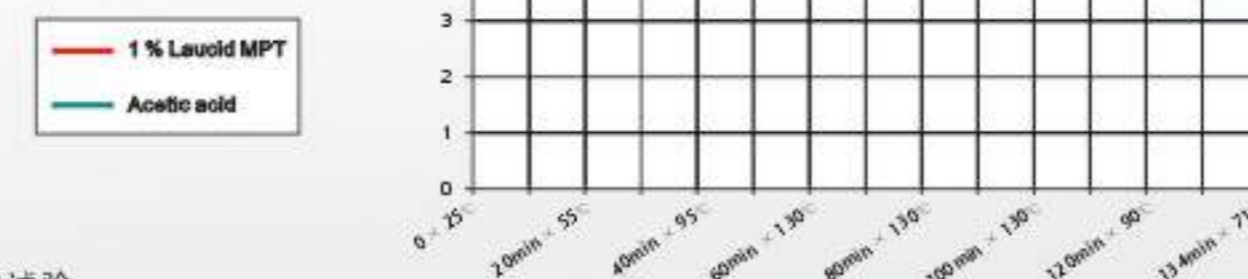
特性:

- 整个染色过程保持 pH4-6;
- 强效的分散功能, 提高分散染料的渗透性;
- 对于金属离子, 整合分散力强;
- 不会影响分散染料的光色。

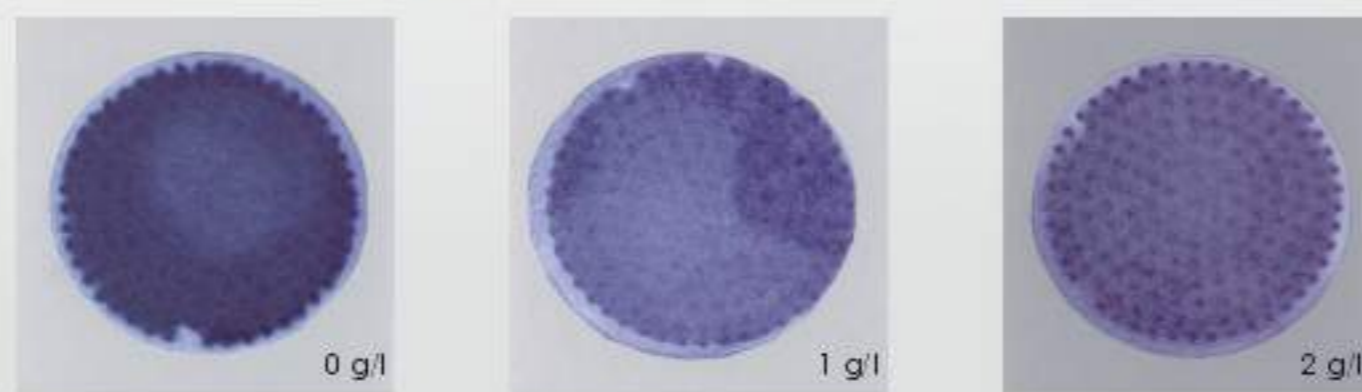
Characteristics:

- Keep stable pH between 4 to 6 during dyeing Process.
- Improve the penetration of dyestuff (dispersing Properties).
- High sequestering power of heavy metals.
- No influence on colour shade.

PH evolution during dyeing process



分散式试验
Dispersing Power of LAUCID MPT



劳可 STP / LAUCOL STP 酸浴还原洗剂
Recommended for PES stripping

| | |
|-------------------------|---------------------------------|
| 化学成分 / Chemical nature | Sulfonic acid derivate |
| 外观 / Appearance | 琥珀色透明液体 / limpid ambered liquid |
| 离子性 / Ionic character | 非离子 / Non-ionic |
| 使用量 / Indicative Dosage | 1 ~ 2.5 g/l |

特性:

- 于酸浴中, 具有强效的剥色功能;
- 染色完, 不必排液, 降温到 80°C, 以冰醋酸或 Laucid MPT 调整 pH4-4.5, 直接加入染浴中作还原色, 取代烧碱和保险粉;
- 比传统的烧碱和保险粉还原洗省 2 浴, 节省用水、能源和助剂;
- 无起泡性, 适用于高转速染缸;
- 液态, 可以使用自动加料系统。

Characteristics:

- High stripping in acid bath.
- Possible stripping after dyeing in the same bath.
- No foaming suitable in high turbulence machines.
- Less using of water, energy and chemical products than normal reducing agents in alkaline bath.
- Liquid, dosable.



Colour fastness to Washing (ISO 105-C03)

| | | S.D.C. MULTIFIBRETEST FABRIC | | | | | |
|--|--|------------------------------|----|---|---|-----|---|
| | | Ace | Co | N | T | Acr | W |
| No stripped fabric | | [Color swatches] | | | | | |
| LAUCID MPT 1.0 g/l LAUCOL STP 1.0 g/l (80°C × 20 min.) | | [Color swatches] | | | | | |
| LAUCID MPT 1.0 g/l LAUCOL STP 2.0 g/l (80°C × 20 min.) | | [Color swatches] | | | | | |
| NaOH 36 Be° 5.0 g/l Albite LA 3.0 g/l (80°C × 20 min.) | | [Color swatches] | | | | | |

劳佳 PCS / LAUGAL PCS 齐聚物去除剂
Anti-oligomer

| | |
|-------------------------|---|
| 化学成分 / Chemical nature | Blend of surfactants and polycarboxylic acids |
| 外观 / Appearance | 琥珀色透明液体 / Limpid ambered liquid |
| 离子性 / Ionic character | 阴离子 / Anionic |
| 使用量 / Indicative Dosage | 0.5 ~ 1.5 g/l |

特性:

- 优异分散功能;
- 强效去除齐聚物 (白粉) 及乳化涤纶油;
- 适用于精炼 / 染色一浴加工;
- 适用于涤纶 / 棉混纺织物的分散与直接染料一浴染色;
- 可于清洗染缸时, 去除粘附的齐聚物;
- 溶比大于 1: 8, 清除齐聚物的效果更佳。

Characteristics:

- High dispersing properties.
- Efficient anti-oligomer and good emulsifier for PES oils.
- Suitable for scouring/dyeing in one bath.
- Suitable for PES / CO dyeing in one bath with disperse and direct dyeing.
- Suitable for washing dyeing machines.
- We recommend to use with R.B. over 1:8.

Anti oligomers effect with Laugal PCS



劳卡 BB / LAUCAR BB

异染剂 / Carrier for PES dyeing

| | |
|-------------------------|---------------------------------------|
| 化学成分 / Chemical nature | Solvent not chlorurated with tensides |
| 外观 / Appearance | 琥珀色透明液体 / Limpid ambered liquid |
| 离子性 / Ionic character | 阴离子 / Anionic |
| 使用量 / Indicative Dosage | 0.5-4 g/l |

98°C × 45 min



特性:

- 染涤纶和混纺织物时具有强效的均染和渗透功能;
- 优异的均染效果;
- 提高摩擦牢度;
- 无毒。

Characteristics:

- Levelling, and penetration for dyeing PES and his blends.
- High levelling properties.
- Improves rubber fastness.
- Not toxic.