



## Taicron Black SE-EXNT 300%

### Exhaustion Dyeing 浸染



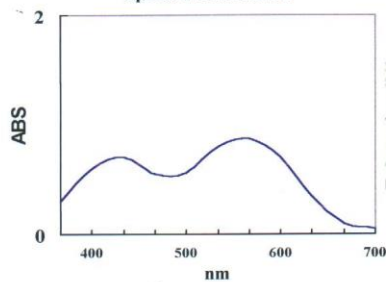
### Dyes Properties 染料特性

| Dispersibility<br>分散性 | Migration<br>移染性 | Liquor ratio<br>浴比 | pH range<br>pH 範圍 | HT Dyeing<br>高溫染色 | Carrier Dyeing<br>導染劑法 |
|-----------------------|------------------|--------------------|-------------------|-------------------|------------------------|
| ◎~○                   | ◎~○              | ◎                  | 3~9               | ◎                 | ○~△                    |

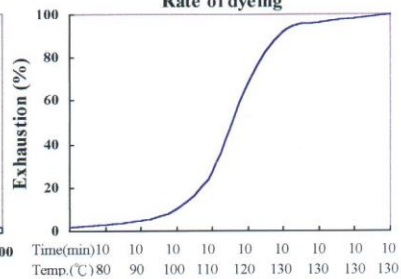
| Effect of Metal Ion<br>金屬離子影響 |                  |                  |                  | Rate of Dyeing<br>染色速率 | Build up<br>上色性 |
|-------------------------------|------------------|------------------|------------------|------------------------|-----------------|
| Fe <sup>++</sup>              | Cu <sup>++</sup> | Mg <sup>++</sup> | Ca <sup>++</sup> | ◎                      | ◎               |
| ◎                             | ○~△              | ◎                | ◎                |                        |                 |

| Staining on<br>纖維污染 |        |       | Exhaustion<br>浸染適性 | Continuous<br>連染適性 | Printing<br>印花適性 |
|---------------------|--------|-------|--------------------|--------------------|------------------|
| Nylon               | Cotton | Rayon | ◎                  | ◎~○                | ◎                |
| 1~2                 | 4      | 5     |                    |                    |                  |

Spectral reflectance



Rate of dyeing





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### Washing Properties 水洗特性 (3.0 % o.w.f.)

| 49°C (AATCC 61 2A)<br>49°C 耐水洗 |        |       |           |         |      | Dry Heat<br>耐乾熱 |       |
|--------------------------------|--------|-------|-----------|---------|------|-----------------|-------|
| Acetate                        | Cotton | Nylon | Polyester | Acrylic | Wool | 165°C           | 180°C |
| 4~5                            | 5      | 3~4   | 4~5       | 5       | 5    | 4               | 4~5   |

| 60°C (M&S C4A)<br>60°C 耐水洗 |        |       |           |         |      | Chlorine<br>耐氯水 |        |
|----------------------------|--------|-------|-----------|---------|------|-----------------|--------|
| Acetate                    | Cotton | Nylon | Polyester | Acrylic | Wool | Alter 色變        | Pes 污染 |
| 4                          | 5      | 3     | 4         | 5       | 5    | 5               | 5      |

### Color Fastness 堅牢度 (3.0 % o.w.f.)

| Sublimation<br>耐昇華 |     | Rubbing<br>耐摩擦 |       | Perspiration<br>耐汗 |          |
|--------------------|-----|----------------|-------|--------------------|----------|
| N                  | Pes | Dry 乾          | Wet 濕 | Acid 酸             | Alkali 鹼 |
| 3~4                | 4   | 5              | 4~5   | 5                  | 5        |

| Light<br>耐光  |              | Water<br>耐水 |        | Dry Cleaning<br>耐乾洗 |        |
|--------------|--------------|-------------|--------|---------------------|--------|
| 1.0 % o.w.f. | 3.0 % o.w.f. | Nylon       | Cotton | Alter 色變            | Pes 污染 |
| 4~5          | 6            | 5           | 5      | 5                   | 5      |

### Printing Properties 印花特性

| Dischargeability    |          |                 |          | Sublimation Staining on Fixation |    |
|---------------------|----------|-----------------|----------|----------------------------------|----|
| Reduction agent 還原劑 |          | Alkali agent 鹼劑 |          | 機內昇華污染                           |    |
| White 拔白            | Color 入色 | White 拔白        | Color 入色 | HP                               | HT |
| ◎~○                 | X        | X               | X        | ◎                                | ◎  |