**PRODUCT LITERATURE**

**DYEWELL-002**

**Product Information**

Dyewell-002 is a levelling agent and dyeing accelerator with diffusion property for high temperature polyester dyeings. Dyewell-002 accelerates the diffusion of disperse dyestuffs into the polyester fabric and hence enables a good dyestuff pick-up.

**Key Features & Benefits**

<table>
<thead>
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<th>Key Features</th>
<th>Benefits</th>
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<td>Dyeing accelerator with diffusion</td>
<td>- Dyeing time and temperatures can be reduced</td>
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<td>properties</td>
<td>- Good dyestuff pick-up and improved dyestuff yield</td>
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<td>Low foaming</td>
<td>Suitable in high temperature range</td>
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**General Characteristics**

- **Physical appearance**: Pale yellow hazy viscous liquid
- **Ionic nature**: Nonionic
- **pH of 1% solution**: 7 +/- 1
- **Miscibility**: Miscible with water
- **Compatibility**: Compatible with cationic, anionic and nonionic products
- **Stability**: Stable to dilute acids and dilute alkalis

**Application**

1. In Exhaust dyeing of polyester tops, yarn, fibre & fabrics
   Set the bath with
   0.5 - 0.7 % Dyewell-002
   0.5 - 1.0 g/l Saracid-RS (Acid buffer)
   Circulate at 60 deg.C for 5-10 min., add dyestuff dispersion, circulate for 5-10 min. Check and adjust pH to 4.5 - 5.5 and dye as per usual method.

2. For correction of faulty dyeings & levelling
   1 - 2 % Dyewell-002
   1 - 2 % Saracid-RS (Acid buffer)
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10-20 % dyestuff of the original recipe
pH 4.5 - 5.5
Treat at 130 deg.C for 40-60 min.
Drain and reduction clear.

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.