

ANC ENZYME SOLUTIONS PTE LTD

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Predyer CD

Predyer CD is a cationizer for garment dyeing processes. It imparts a cationic charge to fabrics and garments, allowing them to absorb anionic dyes quickly at low temperatures. This type of process may be used when dyeing with direct dyes, reactive dyes or anionic pigment dyes.

General Characteristics:

Appearance: Brown liquid.

Composition: Special fiber-substantive cationic compound.

Ionic Charge: Cationic.

pH: 5 – 6.

Solubility: Soluble in water.

Features:

1. Predyer CD is very water soluble in either alkaline or acidic environments.
2. Predyer CD may be applied in acid or alkaline mediums; the addition of soda ash to the dyeing process will not affect Predyer CD's performance.
3. Fabrics absorb Predyer CD at very high rates within the temperature range of 50-60°C.
4. Predyer CD provides for even dyeing results unobtainable through conventional cationizers.
5. Predyer CD provides the highest color yields and evenness for garment dyeing.

Application Method:

Predyer CD should be diluted with water before addition to the dyebath. The dyebath may be kept at a neutral or slightly alkaline pH. The recommended dosage of Predyer CD is 1-2% owf. The following is a recommended process for the direct dyeing of cellulosic garments:

1. Introduce Predyer CD into the dyebath at 2% owf, along with 1 g/l of soda ash; process at 50-60°C for 30 minutes.
2. Drain bath and refill with fresh water.
3. Add required amount of direct dye solution and gradually raise temperature to 55-60°C, maintaining for 10 minutes. Then add 10 g/l common salt (or 15 g/l Glauber's salt) and dye for another 20-30 minutes.
4. Cold rinse, followed by fixing with Kenfix BE.