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CA-250

Carrier for high or low temp. dyeing

CA-250 is an excellent leveling agent for dyeing polyester and polyester blends at atmospheric temperatures or in pressure dyeing. It is suitable for all types of dyeing equipment including jet dyeing machines. Due to its excellent leveling and migrating properties, CA-250 is especially effective for eliminating barre effects and for repairing faulty dyeing.

General properties:

Appearance	:	Light yellow clear liquid
Composition	:	Phenyl derivatives compound
Ionic nature	:	Nonionic/anionic
pH (1% solution)	:	6.0 +/- 1.0
Solubility	:	Self emulsifiable in water to form a white emulsion

Special features:

1. Suitable for rapid dyeing procedures.
2. Excellent migration properties, minimizing barre effects.
3. Self-emulsifiable to form stable emulsion.
4. No residual odor on fabric with low toxicity.

5. Excellent color yield.
6. Low foaming properties.

Application:

The amount of product required depends on depth of shade and severity of barre condition.

1. For normal dyeing:

Dyes	X% (o.w.f)
SW-BSRN	1 ~ 2 g/l
CA-250	0.5 ~ 1 g/l
AZ-340	0.5 ~ 1 g/l
pH	5 ~ 5.5
Temp. xTime	130°Cx45min

2. For eliminating barre effect:

Add	5% ~ 10%
SW-BSRN	1 ~ 2 g/l
CA-250	1 ~ 2 g/l
AZ-340	0.5 ~ 1 g/l
pH	5 ~ 5.5
Temp. xTime	135°Cx60min

3. For stripping :

CA-250	2 ~ 3 g/l
NaOH (45%) pH	9 ~ 12
Temp. xTime	130°Cx45min

Note: full evaluation is recommended prior to commercial usage.