



T&T INDUSTRIES CORP.

台唐工業股份有限公司

TEL: 886-2-2506-4107 · 886-3-483-1666

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Taigal CDP

Anti-precipitation Agent for dyeing C.D. fiber and blends

Applicaition	Taigal CDP is a slightly anionic, non-foaming dispersion anti-precipitation agent for dyeing fabrics made of C.D., CDP, or their blends with polyester fibers.
Compositon	Aromatic Condensed Compound
Color	Yellowish
Ionic State	Slightly Anionic / Non-Ionic
Solubility	Soluble with hot water.
Stability	resistant to acids, alkali, water hardness and salt.
Storage	Storing in high temperature and humidity would cause indurate.
Properties	<ol style="list-style-type: none">1. Taigal CDP offers a good protection on colloid due to its slightly anionic character. It creates a temporary affinity on cation of the dyestuffs to prevent CDP fabrics from absorbing cationic dyestuffs too soon.2. Taigal CDP offers an excellent anti-precipitation effect in the dyeing bath of CD-PET/RAYON so stops the formations of spot, decreases pollutes on vat wall, and reaches required color appeal and fastness.3. Taigal CDP can also provide excellent dispersing and leveling effects to disperse dyestuffs. While applying cationic dyes and disperse dyes in the same bath, the anion dispersing properties of disperse dyestuff and cationic dyestuff will create a complex compound and brings the dispersing effect down. Taigal CDP gives disperse dyestuff an very good dispersing effect, no elimination on color may occur.



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Pretreatment before dyeing

Scourner	BF-T	1.0 g/l	
Scourner	BF-70	0.5 g/l	
Na ₂ CO ₃	Sodium Carbonate	1-2 g/l	
			95°C x 20'

for dyeing

Taigal	CDP	Anti-precipitation Agent	1-3 g/l
Taigal	AF-806	Dispersing and leveling Agent	0.5-1 g/l
Taicron	dyestuff		X %
Taiacryl	dyestuff		Y %
pH=4.5 - 5			

120°C x 40 - 60'

Color Point Redyeing

Taigal	CDP	Disperse and Anti-precipitation Agent	3-5 g/l
Taigal	AF-806	Leveling and Migration Agent	0.3 g/l

115 - 125°C x 60'

processors from own trials or tests. Factory environment, equipment, and the operation sequence should be considered.