



Cationic Dyeable Polyester

Unlike ordinary polyester fibres, **CDP** (Cationic Dyeable Polyester) is a special polyester fibre that can be coloured with cationic dyes. It shows excellent colour development and fastness and hence **CDP** fibres are to be used in many applications

Feature

- Cost-effective dyeing procedure using intensive cationic dyes and low dyeing temperatures from 98 °C to 120 °C
- Excellent bath exhaustion.
- High dyeing speed.
- Can also be colored using disperse dyes up to 120 °C
- Idea mixing element for wool or elasthane fiber (Lycra) that can not be dyed at high temperature.
- Offers good combination possibilities with other fiber mixing elements for dual - tone and multi color effects.
- Show high luminosity when using cationic dyes.
- Low pilling.
- Problem free, recycling with normal polyester.

| Disperse Dyes | Cationic Dyes |
|---------------------------|---------------------------------------------|
| High Dyeing power | Lower Dyeing Cost |
| Shades obtained rapidly | Shorter Dyeing times |
| Complete Dye setting | No subsequent reductive cleaning |
| No soiling of Elastan | Excellent resistance to wet and sublimation |
| Luminous tones possible | Fashion Shades |
| PES and PES Cat mixtures | Creation of dual-tone-effects |
| Higher Dyeing Temperature | Shorter Dyeing time |

Application

- Sportswear
- Intimate
- Casual wear
- Home Tetiles
- Upholstery
- Etc...

Available

- DTY from Dtex 44 up to 1400
- ATY from Dtex 90 up to 4500

