

## DIAMONTEX PEUV

**UV absorber, with high fastness to sublimation, for polyester fiber for automotive end use**

### Chemical composition

Benzophenone derivative

### Characteristics

Appearance:	white aqueous dispersion
Ionicity:	anionic
Solubility:	dispersible in cold water
pH of emulsion at 10%:	6 - 7
Compatibility:	compatible with anionic and non ionic products
Stability:	resistant to weak acids and water hardness
Storage stability:	12 months if properly stored at a temperature between +5 and +40°C, in the event of frost, the product can be recovered by carefully mixing after bringing it to room temperature

### Application properties

**DIAMONTEX PEUV** is an UV absorber for dye sublimation polyester with below properties:

- it improves hot light fastness (FAKRA light fastness) of dyed polyester with dispersed dyes, normally already very solid, for the automobile industry
- high fastness to sublimation
- it retains its protective action even after subsequent thermal treatments
- meets the highest requirements of fogging
- it doesn't affect dyeing shade
- bluesign® approved
- GOTS 4.0 approved additive

### Application fields

Use in priming for digital printing of polyester fiber to improve the FAKRA light fastness of the dispersion inks

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

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## Guidelines for application

DIAMONTEX PEUV has to add to the liquor for polyester ink-jet priming

The recommended amount is between:

30 - 60 g/l DIAMONTEX PEUV

## Remark

It is necessary to pre-check the stability in the liquor.

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