

ITOSORB AF20PS is used as a light fastness improving agent for polyester, cation dyeing polyester (CDP) and polyester blended fabric.

PROPERTIES

- **Appearance** : Off White Liquid
- **Ionic Character** : Anionic
- **pH** : 8 (1% solution)
- **Solubility** : Easily dispersed in water

APPLICATION

In Exhaustion (dyebath):

- **ITOSORB AF20PS** : 1 - 3%

CHARACTERISTICS

1. Good improvement of light fastness for polyester fibre.
2. Good heat stability, can be used with disperse dyes in the same dyeing bath.
3. Good dispersibility, penetration and levelling.
4. Good storage stability.
5. Used in the dyeing bath of pH 4-6

DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

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IMAGINATION INK[™]



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APPENDIX

Example 1:

Dye Recipe:

ITOSPERSE AUTO YELLOW HLSF	0.152%
ITOSPERSE AUTO RED A2G	0.049%
ITOSPERSE AUTO BLUE SUN 100%	0.204%
ITOLUBE 30D	0.250%
ITOSOLT LJ550	0.500%
ITOQUEST LJ1000	0.500%
Acetic Acid	1.000%
UV Absorber	1 - 5 %

Dyed@ 130°C for 60 minutes.

The light fastness results using Toyota light fastness conditions were as follows:

	1%	3%	5%
No UV Absorber	2-3		
ITOSORB AF20PS	3-4	3-4	3-4

Example 2:

Shade: Automotive Grey

Test: Ford 225 and Ford 488

Ford 255	1%	2%	3%	4%	5%	6%
Untreated	4					
ITOSORB AF20PS	4	4/5	4/5	4/5	4/5	4/5

Ford4 88	1%	2%	3%	4%	5%	6%
Untreated	2					
ITOSORB AF20PS	3/4	4	4	4/5	4/5	4/5