

GOLDBLANC PAV NEW

This product is an optical brightener for fibers of polyamide and proteics with violet tinting.

Features and Benefits:

- This product is recommended for the processes by exhaustion, pad-thermofixation and pad-steam.
- It has excellent fastness properties
- Product has good stability if stored according to SDS guidelines.
- This product complies with the parameters required by the Oeko-Tex certification.
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Appearance	Violet liquid.
Chemical nature	Derived from distyrylbiphenyl
Density	≈ 1.13 g/cm ³
Ionic character	Anionic
pH (sol. 1% w/w)	7.0 – 11.0
Solubility (sol. 1% w/w)	Soluble at 25°C with stirring.
Compatibility	Compatible with anionic and nonionic products, but it is recommended previously test.

Fastness properties			PA	WO - S	
Light		ISO 105-B02	4	2 – 3	
Washing	40°C	ISO 105-C06/A1S	5	4	
	60°C	ISO 105-C06/A1S	4 – 5	---	
	95°C	ISO 105-C06/E2S	3 – 4	---	
Chlorinated water / seawater		ISO 105-E03/E02	5	---	
Sweat	Alkaline	ISO 105-E04	4 – 5	4	
	Acid		4 – 5	4	
Dry heat		30s / 180°C	ISO 105-P01	5	---
Oxides of nitrogen	1 ciclo	ISO 105-G04	4 – 5	---	
	2 ciclos		4	---	

Application:

The Goldblanc PAV NEW can be applied in soft water or in the presence of complexing agent indicated.

Polyamide, wool, and silk:

Process for exhaustion: slightly acid baths.

Continuous process: can be applied on a polyamide by pad- thermofixation and pad-steam processes.

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Dissolution / Dilution

Miscible in warm or cold water in all proportions. The solutions should be stored in the dark, away from light, for an indefinite period. This should be considered for the articles treated with optical brightener, if not set.

Recommendations for use (PA)

Exhaustion: 0.5 - 2.0% of Goldblanc PAV New
Pad-termofix, pad-steam; 5.0 - 2.0 g/l of Goldblanc PAV NEW (pick-up 80 - 100%)

Recommendations for use (WO - S)

Exhaustion: 0.5 - 2.0% of Goldblanc PAV New

Suggestion revenue PA: exhaustion process

- 0.5 – 2.0% Goldblanc PAV New
- 1.0 – 2.0 g/L Goldcom TA
- 1.0 g/L Goldpal YN
- pH 5 - 6 with acetic acid or citric acid
- Time / temperature 40-60 minutes at 80-100°C
- Liquor ratio: 8/1 to 20/1

Note: The adding of 1-2% of Goldpret DS is recommended for protection against yellowing of white articles in storage, caused by the absorption of phenolic antioxidants with nitrous compounds.

Additionally, the final pH of the substrate should be slightly acidic (pH 5 - 6) with application of non-volatile organic acid.

Suggestion revenue:

Pad-Steam Process (for printed articles)

- 0.5 – 2.0 g/L Goldblanc PAV New
- 1 - 2 g/L Goldpal NRA
- Impregnate: pick-up 60 - 80%
- pH 5 - 6
- Dry - printing - dry
- Vaporize: 20 seconds at 180 - 190°C
- 1.0 – 6.0g/l of Goldblanc PAV NEW

Pad-thermofixation, pad steam process:

- 0 - 2g /l of Goldpal BSJ
- Pick-up 40-80%
- Termofix 20- 40 seconds at 180-190°C

Information storage, security and Safety Data Sheet handling (SDS).

Note: Considering the variety of substrates and applications processes, the information provided herein faithfully, shall be construed as guidance instrument, so we cannot be held responsible for any damages resulting from improper applications. The data contained in this technical information are based on current knowledge and current investments made of our products. Additional information may be obtained from our technical department. Rev. 06/17/2016.