

Texcron Dispersion	Yellow HB 200 TE	Yellow PHR	Golden Yellow HB 220 TE	Orange PFG	Brill Red HB 200 TE S/C	Brill Red HB 641 TE	Brill Red RPS	Brilliant Pink ERP	Brilliant Pink P3B	Violet MBHB	Blue BN TE S/C	Blue HB 500 TE	Blue RRN	Turquoise HBTE	Navy Blue BBT TE	Green ST 125	Black FBTE	Black CDS
4%																		
1%																		
Light Fastness ISO 105-B02	4%	7	>7	6	>7	7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7
	1%	6	>7	6	6	7	7	>7	>7	7	7	7	7	6	7	6	7	7
Washing at 95°C ISO 105-C04	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Hypochlorite Bleach ISO 105-N01	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5
PVC Migration ISO 105-X-10	4	4	3-4	4	3	3	4	4	4	4-5	4-5	4	4	4	4	4-5	4	4
Dry Cleaning Fastness ISO 105 D-01	4%	3-4	4	4	2-3	4	4	4-5	4-5	4-5	4-5	5	5	4	5	4-5	4-5	4-5
	1%	3	4-5	4	2-3	4	4	4	4	4-5	4-5	5	5	4	5	4-5	4-5	4-5
Thermal Fastness for 0.2% print at 150°C Curing	4-5	4-5	3-4	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Suitability for Discharge at 0.2%	S	S	S	S	S*	S*	N	S*	S*	S	S	S	S	S	S	S	S	S

* Light Fastness are on the scale of 1-8 with 1 - poor and 8 - excellent as per ISO 105-B02 grey scales for change in colour

* Discharge stability: S - Suitable, S* - Suitable, above 100, N - Not Suitable



PIDICRON
WHITE BCN



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WHITE SWE



Texcron Pigment Dispersion Specialise in the following:

- Excellent Dispersion Stability
- Optimum particle size
- Ideal particle size distribution
- Eco-friendly requirements
- High Thermal Stability
- High fastness to light, Rubbing, Washing and Dry Cleaning

RECOMMENDED PIGMENT PRINTING RECIPE

Stock thickening (for a typical 4% shade print)

1) Water	846 g
2) Pidicryl Binder CIL 445 BFT /5555 /5401	100 g
3) Pidiprint 160	16 g
4) Liq. Ammonia (25% Solution)	10 g
5) Pidifinish OXL / Pidifix EF	10 g
6) Pidimine SL 1100/ ISG	5 g
7) Pidicryl SHRP	3 g
8) Pidion APF	10 g
Total	1000 g

Notes

1. All ingredients are to be added in the order as given above under high speed stirring.
2. pH of the paste has to be between 8 to 8.5
3. Amount of Pidiprint 160 may vary depending upon the hardness of water used as well as the final viscosity.
4. The amount of Liq. Ammonia may vary to achieve pH of 8 to 8.5
5. Print dry and cure at 150 °C for 5 minutes.

TEXCRON®

Pigment Dispersion



Additives added

- Pidicryl Binder 5555 is used for soft feel.
Pidicryl Binder 5401 is for better brightness, sharpness and crocking fastness.
- Pidicryl Binder CIL 445 BFT is suitable for Oeko Tex Class I.
- Pidifinish OXL is suitable for Oeko Tex Class I.
- Pidifix EF is a cross linking agent, helps in enhancing wet rub and dry crocking fastness.
- Pidimine SL 1100 / ISG helps in improving handle of the fabric as well as imparts softness.
- Pidicryl SHRP is rheology and viscosity regulator.
- Pidionon APF is a surface active agent, helps in improving coverage of large motif prints.

Restrictions on mixing of individual product from the range of TEXCRON

TE series of Pigment Dispersions

Pigment Dispersion based on Pigment Orange 13 and / or Pigment Orange 34 or any formulation containing these pigments in combination with Pigment Black 7 Dispersion under standard application conditions can release aromatic amines (3,3' Dichlorobenzidine) at level substantially above the accepted industry standards and the maximum levels set out by the national legislations. We therefore do not recommend blending of pigment preparations based on these pigments.

- Following Texcrons shall not be blended with Texcron Black FB TE / CDS:
Texcron Golden Yellow HB 220 TE
- Following Texcrons can be mixed with Texcron Black FB TE /CDS:
Texcron Orange HB GT TE
Pidicron White BCN – High Coverage White Specially for woven Fabric
Pidicron White SWE – High Coverage White for knitted fabric with.

The information submitted in this confirmation is based on our current knowledge and experience. The technical advice whether verbal, in writing or by way of trials are given in good faith but without warranty. In view of the many factors that may affect processing and applications, our advice does not relieve processors from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties or suitability for a specific purpose nor of the legal status of the listed products names. It is the responsibility of those to whom we supply, our products to ensure suitability for the intended process, uses and any proprietary rights and existing laws and legislation are observed.



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