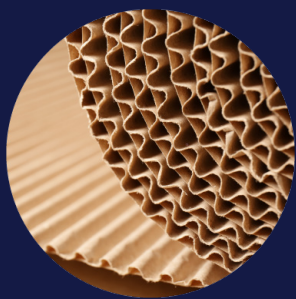




PAPER Colorants & Additives



Basic Liquid Dyes

For over two decades, ChromaScape has led the industry in supplying the highest quality colorants and chemicals to the paper industry. Our network for global sourcing allows us to address marketplace challenges that demand new solutions which focus on ways to optimize paper coloring techniques. ChromaScape is focused on supplying our paper customers the highest quality products at cost effective pricing.

To survive in today's competitive marketplace our commitment does not end when your order is shipped. We back up all of our products with know-how. Whether it is product testing, shade matching, application expertise, color training or product development, ChromaScape is ready to serve you. Our sales force and our laboratories are staffed with experienced technical professionals who can assist with any technical problem our paper customers may experience today.

We offer seminars and training sessions for mill personnel either at your site or in our technical facility located in Piedmont, South Carolina.

Colorant Selection Process and Application













No matter what the requirement, ChromaScape will be happy to evaluate your particular color application. Our technical staff will guide you through color selection, shade matching and physical testing criteria. We can assist in any process application from batch or continuous coloring to automated size press color correction. Whether you are tinting whites or deep dyeing tissue, ChromaScape has the experience to service and supply any colorant approach for paper.

Basic Liquid Dyes

ChromoScape offers a full range of liquid basic dyes that compliment our comprehensive powder line. Our liquid dyes are used in virtually all areas of paper manufacturing due to their physical form, ease of handling, elimination of dusting and suitability for systems with on-line color control.



lbs/ton	Description	Shade	Ionic Character	Fiber Affinity	Specific Gravity	pH	Light Fastness	Bleach-ability	Bleed-fastness	Two Sideness	FDA/ Pre 58 Comp
20	Elcozine Yellow G-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Excellent	Poor	Top	No
20	Elcozine Yellow 40S-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Excellent	Poor	Top	No
20	Elcozine Yellow 4G-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Not Bleachable	Good	Top	No
20	Elcozine Yellow BAR-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Not Bleachable	Good	Top	No
50	Elcozine Red 6GDN-L		Cationic	Good for Recycle	1.06	3.0-4.0	Poor	Good	Fair	Top	Yes
50	Elcozine Red P-L		Cationic	Good for Recycle	1.06	3.0-4.0	Poor	Good	Fair	Top	Yes
20	Elcozine Red 4G-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Excellent	Poor	Top	No
20	Elcozine Red BN-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Excellent	Poor	Top	No
50	Elcozine Methyl Violet 2B-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Fair/Good	Excellent	Top	Yes
20	Elcozine Crystal Violet L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Poor	Excellent	Top	Yes

lbs/ton	Description	Shade	Ionic Character	Fiber Affinity	Specific Gravity	pH	Light Fastness	Bleach-ability	Bleed-fastness	Two Sideness	FDA/ Pre 58 Comp
20	Elcozine Ethyl Violet L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Poor	Good	Top	No
50	Elcozine Rhodamine B-L		Cationic	Good for Recycle	1.05	3.0-4.0	Very Poor	Fair	Poor	Top	Yes
50	Elcozine Blue TPM-L		Cationic	Good for Recycle	1.08	3.0-4.0	Poor	Good	Poor	Top	Yes
50	Elcozine Methylene Blue 2B-L		Cationic	Good for Recycle	1.08	3.0-4.0	Poor	Good	Poor	Top	Yes
50	Elcozine Victoria Blue L		Cationic	Good for Recycle	1.07	3.0-4.0	Poor	Good	Excellent	Top	Yes
20	Elcozine Turquoise 6G-L		Cationic	Good for Recycle	1.06	3.0-4.0	Fair	Poor	Fair	Top/Even	No
50	Elcozine Green MG-L		Cationic	Good for Recycle	1.1	3.0-4.0	Poor	Good	Excellent	Top	Yes
20	Elcozine Brown Y-L		Cationic	Good for Recycle	1.11	3.0-4.0	Poor	Good	Poor	Top	Yes
20	Elcozine Brown R-L		Cationic	Good for Recycle	1.11	3.0-4.0	Poor	Good	Poor	Top	Yes
20	Elcozine Chrysoidine Y-L		Cationic	Good for Recycle	1.11	3.0-4.0	Poor	Good	Poor	Top	Yes
20	Elcozine Chrysoidine R-L		Cationic	Good for Recycle	1.11	3.0-4.0	Poor	Good	Poor	Top	Yes
20	Elcozine Black CLX-L		Cationic	Good for Recycle	1.11	3.0-4.0	Poor	Good	Poor	Top	Yes

Legal Disclaimer: We do not guarantee performance and the user should perform their own testing to assess suitability in their application. User assumes all other risk and liability resulting from use of this product. No claims, representations or warranties, whether express or implied, are made by our company as to the safety, reliability, durability and performance of any of our company's products. In no event shall our company be liable for any direct, indirect, punitive, incidental, special consequential damages, to property or life, whatsoever arising out of or connected with the use or misuse of our products.



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