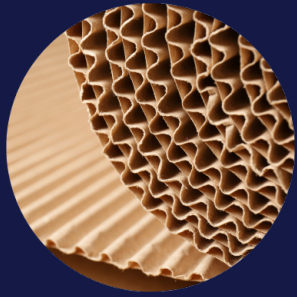




PAPER

Colorants & Additives



Direct Powder 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.

Direct Powder Dyes

While liquid dyes may be preferable where automated color control is used to produce pastel to moderate shades, powder dyes remain the product of choice where large volumes are used to produce very deep shades for fine paper and tissue. Since powder dyes are three to five times more concentrated than liquid dyes, smaller quantities



lbs/ton	Description	Shade	Ionic Character	Fiber Affinity	Light Fastness	Bleach-ability	Bleed-fastness	Two Sideness	FDA/ Pre 58 Comp
50	Pontamine GXG Yellow PDR	●	Anionic	Good	Good	Very Poor	Very Good	Even/Top	Yes
50	Pontamine Yellow SGD PDR	●	Anionic	Good	Very Good	Good	Very Good	Even/Bottom	Yes
50	Pontamine Yellow GGN PDR	●	Anionic	Good	Very Good	Good	Very Good	Even/Bottom	No
50	Pontamine Bond Yellow 303 PDR	●	Anionic	Good	Very Good	Good	Very Good	Even/Bottom	No
50	Pontamine Kraft Orange A PDR	●	Anionic	Good	Very Good	Good	Good	Even/Top	Yes
50	Pontamine Orange SE PDR	●	Anionic	Good	Very Good	Good	Good	Even/Top	No
50	Pontamine Orange W PDR	●	Anionic	Good	Very Good	Good	Good	Even/Top	Yes
50	Pontamine Orange 2R PDR	●	Anionic	Good	Very Good	Good	Good	Even/Top	No
50	Pontamine Bordeaux 6B PDR	●	Anionic	Very Good	Fair	Excellent	Fair	Even/Bottom	Yes
50	Pontamine Red 8BLX PDR	●	Anionic	Good	Good	Fair/Good	Fair/Good	Even/Bottom	Yes
50	Pontamine Scarlet 4B PDR	●	Anionic	Excellent	Good	Excellent	Excellent	Even	No
50	Pontamine Red SERN PDR	●	Anionic	Poor	Fair	Excellent	Excellent	Even	No
50	Pontamine Blue 3R PDR	●	Anionic	Good	Excellent	Poor	Fair	Even/Top	Yes
50	Pontamine Blue 2G PDR	●	Anionic	Good	Excellent	Good	Good	Even/Top	No

lbs/ton	Description	Shade	Ionic Character	Fiber Affinity	Light Fastness	Bleach-ability	Bleed-fastness	Two Sideness	FDA/ Pre 58 Comp
50	Pontamine Blue 2R PDR	●	Anionic	Good	Excellent	Excellent	Fair	Even	No
50	Pontamine Turq 86 PDR	●	Anionic	Poor	Good	Fair/Good	Very Good	Top	No
50	Pontamine BR Blue A PDR	●	Anionic	Poor	Very Good	Excellent	Excellent	Top	No
50	Pontamine Bond Blue B PDR	●	Anionic	Good	Excellent	Excellent	Very Good	Even	No
50	Pontamine Blue GTB PDR	●	Anionic	Very Good	Good	Very Good	Very Good	Top	No
50	Pontamine Blue SPN PDR	●	Anionic	Good	Fair	Excellent	Fair	Even	No
50	Pontamine Blue BT PDR	●	Anionic	Good	Fair/Good	Excellent	Good	Top	No
50	Pontamine Black GW PDR	●	Anionic	Good	Good	Good	Excellent	Top/Even	No
50	Pontamine Black T PDR	●	Anionic	Good	Good	Good	Excellent	Top/Even	No
50	Pontamine Black SMW PDR	●	Anionic	Good	Good	Good	Excellent	Top/Even	No
50	Pontamine Black LF PDR	●	Anionic	Good	Good	Good	Excellent	Top/Even	No
50	Pontamine Black GR PDR	●	Anionic	Good	Good	Good	Excellent	Top/Even	No
50	Pontamine Black ESE PDR	●	Anionic	Good	Good	Good	Excellent	Top/Even	No

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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