

DIRECT LIQUID DYES

Levacell®














Papermaking is constantly evolving. Paper-machine grades change and manufacturing methods are continually being improved for speed, cost, efficiency and performance. Practices considered experimental yesterday are standard operating procedure today. The only certainty in today's marketplace is that it is changing - continuously.










To maintain a competitive advantage in this environment, a papermaker must react quickly to the latest challenges, whether they come from the competition or from the most recent environmental regulations. ChromaScape understands this and is ready to help you respond to these challenges. We innovate together with our customers; after all, we are brighter and better together.

Levacell Direct Liquid Dyes

Levacell direct dyes are the most widely used colorants for paper applications because of their excellent overall performance, wide variety of hue, and broad range of application on all types of cellulose fiber including softwood, hardwood, bleached, unbleached, groundwood or TMP, and recycled. These products may be applied in the wet-end, at the size-press or waterbox and in coating.

ChromaScape Paper offers a wide range of these dyes in concentrated easy-to-handle liquid form. These liquids are completely miscible in water in all proportions and can be used either as received or diluted for batch addition and/or continuous coloring. ChromaScape Paper offers a variety of shipping containers to suit your needs including drums, totes and tank trucks.

%	Description	Shade	Lightfastness (Xenon)	Bleedfastness (1 - 5)	Fibre Affinity (1 - 5)	Bleachability (1 - 5)	Density (g/cm)	pH	Viscosity (cps)	BfR
1.5	Levacell Yellow NN		2-3	5	5	5	~ 1.11	7-9	≤ 100	Y
1.44	Levacell Yellow 5RC		2	5	4	3	~ 1.15	8-10	≤ 100	Y
1.1	Levacell Yellow 5RHS		2	5	4	3	~ 1.18	8-10	≤ 100	Y
1.7	Levacell Yellow 2RF		3	5	4-5	4-5	~ 1.10	8-10	≤ 100	Y
3.4	Levacell Brown 2GU		2	5	4-5	2-3	~ 1.10	7-10	≤ 100	Y
1.5	Levacell Brown 6R		1	5	4-5	4	~ 1.10	10-12	≤ 100	Y
3.6	Levacell Orange 2R		1-2	5	4-5	4-5	~ 1.12	6-9	≤ 100	Y
3.4	Levacell Scarlet E3B		2	5	5	4-5	~ 1.10	7-10	≤ 100	Y
3.4	Levacell Red 2B		1	4	5	5	~ 1.13	8-10	≤ 100	Y
2.4	Levacell Red 5BF		1	4-5	4-5	5	~ 1.15	5-8	≤ 100	Y
2.5	Levacell Red 8BF		1-2	5	3	5	~ 1.10	7-9	≤ 100	Y
3	Levacell Violet 6B		2	5	5	5	~ 1.10	7-10	≤ 100	Y
3.6	Levacell Blue L		1	5	3-4	5	~ 1.10	7-10	≤ 100	Y

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7.3	Levacell Blue 3R		3-4	5	5	5	~ 1.06	9-11	≤ 100	Y
3.5	Levacell Blue 2RL		4	5	5	5	~ 1.08	8-10	≤ 100	Y
6.0	Levacell Blue BT		2	4-5	4	4	~ 1.13	6-11	≤ 100	Y
4.2	Levacell Blue GTB		3-4	5	5	5	~ 1.09	9-12	≤ 100	Y
6.5	Levacell Fast Blue KS-6GLL (cat)		4-5	4	5	4	~ 1.14	3-5	≤ 100	Y
7.4	Levacell Turquoise B		4-5	5	3-4	3-4	~1.09	7-10	≤ 100	Y
12	Levacell Fast Blue EHS		4-5	3-4	5	4	~1.07	12-14	≤ 100	Y
6	Levacell Black R		3	5	5	5	~ 1.08	7-11	≤ 100	Y
8	Levacell Black HPS		7	Applied properly, this sulfur black dye precipitates on the fiber and therefore exhibits very high lightfastness, clear backwaters and no bleed.			~ 1.35	11-14	≤ 100	Y

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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