

## Description and facts


	Solubility in g/l at 30°C								Process Suitability	Dischargeability	Other Fastness			Light Fastness AATCC 16E			Post Fastness Properties			
	Affinity	Reactivity	Fixation temperature	Exhaust	Cold Pad patch	Printing	Continuous	Washing Fastness ISO 105 C04			Rubbing ISO 105/X12 Dry	Rubbing ISO 105/X12 Wet	0,1%	1,0%	2,0%	Water ISO 105 E01	Chlorinated Pool Water AATCC 162:2002	Hydrogene Peroxide	Perspiration ISO 105 E04 Acid	Perspiration ISO 105 E04 Alkali
<b>Imcozin Ultra Yellow CDG</b>	120	L	H	60	S	S	S	S	Moderate	4-5	4-5	4	4	4	4	4-5	4-5	4	4	
<b>Imcozin Ultra Orange CDG</b>	150	H	M	60	HS	HS	S	S	Good	4-5	4-5	4	3	3.5	4	4	1	4-5	4-5	
<b>Imcozin Ultra Red CDG</b>	100	L	H	60	S	S	S	S	Moderate	4	4-5	4	3.5	4	4	4-5	4-5	4	4	
<b>Imcozin Ultra Carmine CDG</b>	100	L	H	60	S	S	S	S	Good	4	4-5	4	4	4	4	4-5	4-5	4	4	
<b>Imcozin Deep Red CDG</b>	100	H	H	60	S	S	S	S	Moderate	4	4	3-4	-	3	3.5	4	-	3-4	3-4	
<b>Imcozin Navy Blue CDG</b>	100	L	H	60	S	S	S	S	Good	4	4-5	3	3	3.5	3	4-5	4-5	4	4	

H = High / M = Medium / HS = High Suitable / S = Suitable / LS = Low Suitable / NS = Not Suitable

## Impocolor. Color your Life.

Uniquely strong reactive dyes for medium and deep shades with outstanding competitiveness due to very high tinctorial strength and excellent robustness.

The Imcozin CDG / Ultra CDG series



**impocolor**  
dyes & chemicals

# Imcozin CDG / Ultra CDG series

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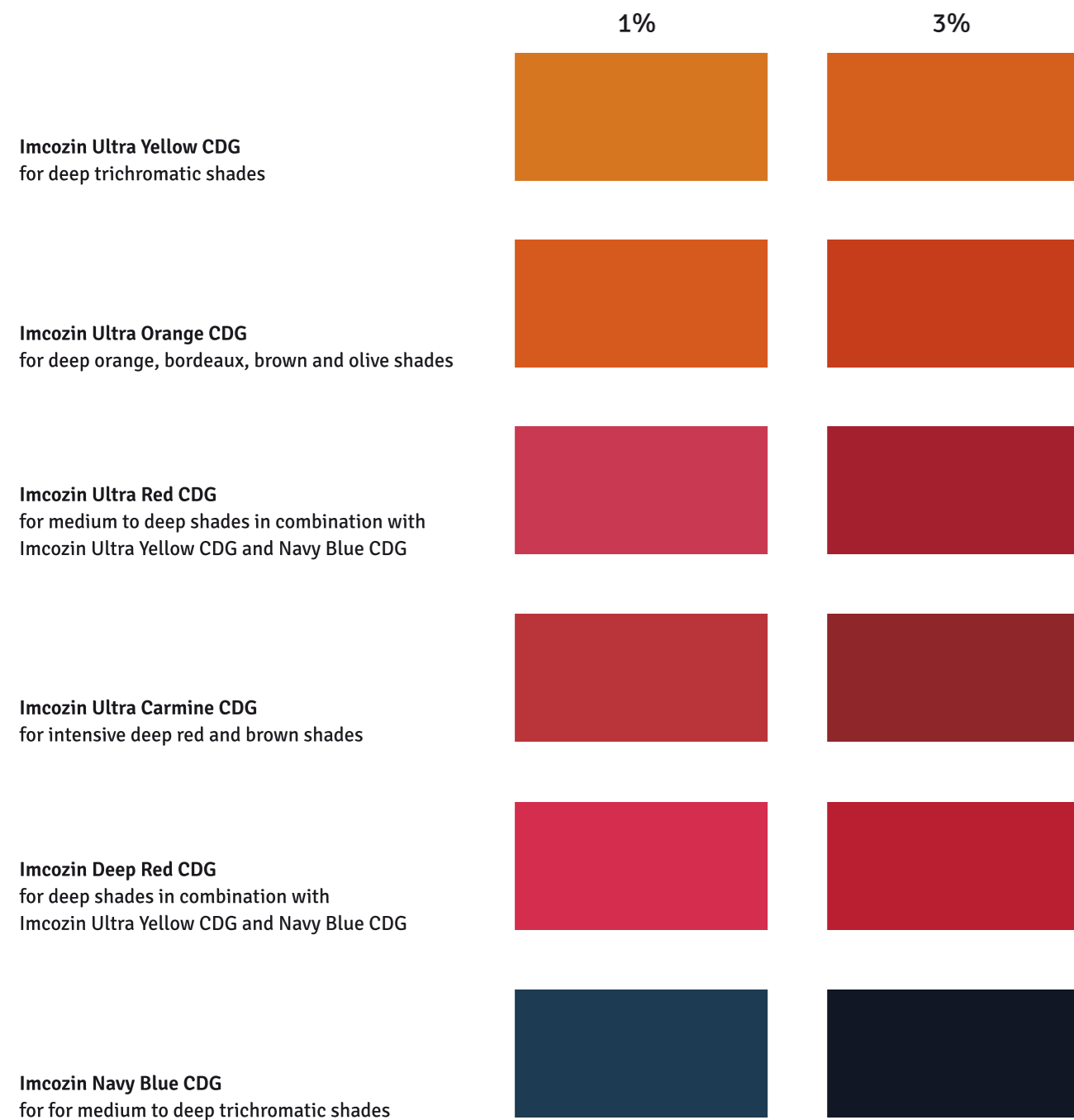
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# Imcozin CDG / Ultra CDG series

Imcozin CDG / Ultra CDG series – have been developed to produce dark shades more cost effectively with high reproducibility, good overall fastness and excellent build-up properties.



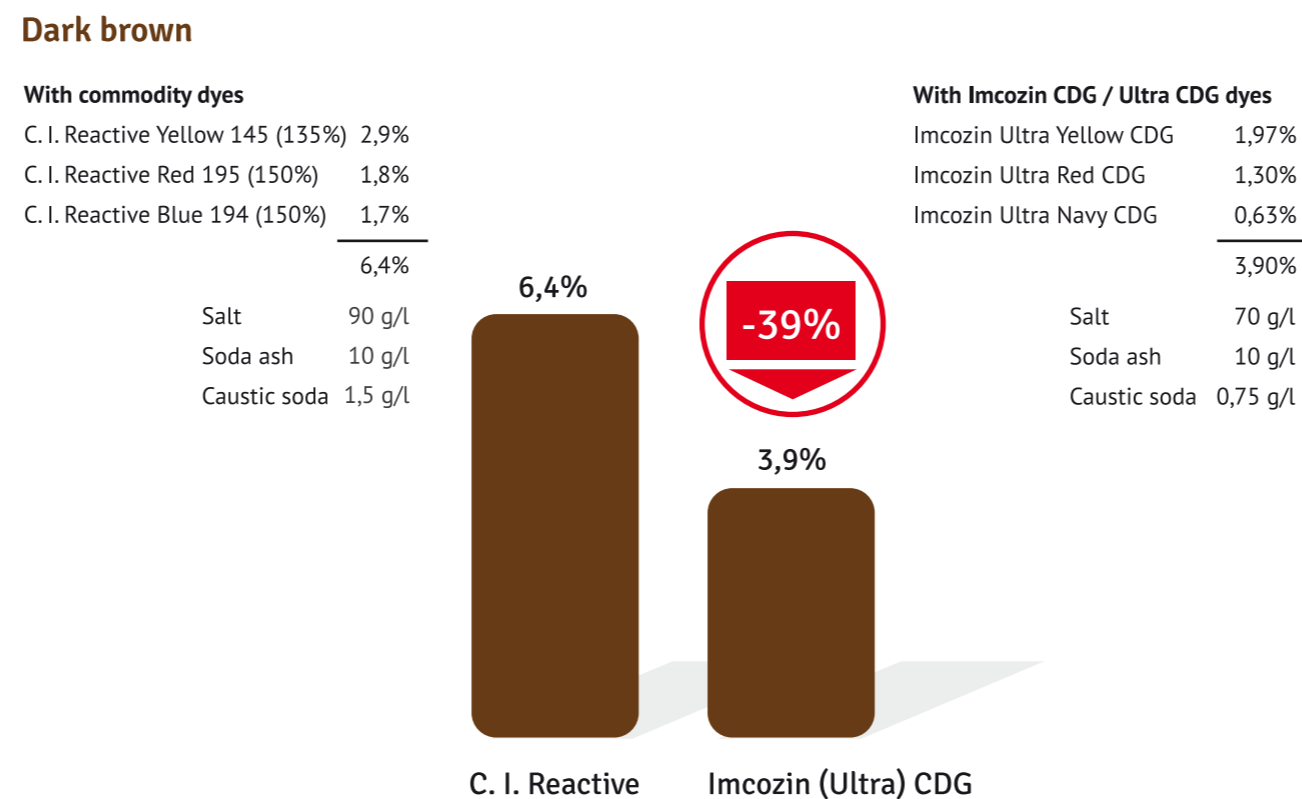
# Tangible benefits and less dye

Tangible customer benefits and less dye consumption.

- |   |  |   |
|---|--|---|
| <b>Reduced costs</b> <ul style="list-style-type: none"> <li>• Less dyestuff</li> <li>• Less water</li> <li>• Less energy</li> <li>• Less inventory</li> </ul> | <b>Increased productivity</b> <ul style="list-style-type: none"> <li>• Shorter production times</li> <li>• Excellent build-up properties</li> <li>• Higher robustness</li> </ul> | <b>High performance</b> <ul style="list-style-type: none"> <li>• Good reproducibility</li> <li>• Good overall fastness</li> <li>• Eco-compliance</li> </ul> |
|---|--|---|



Significant less dye is needed to achieve the required shade



# Increase your productivity

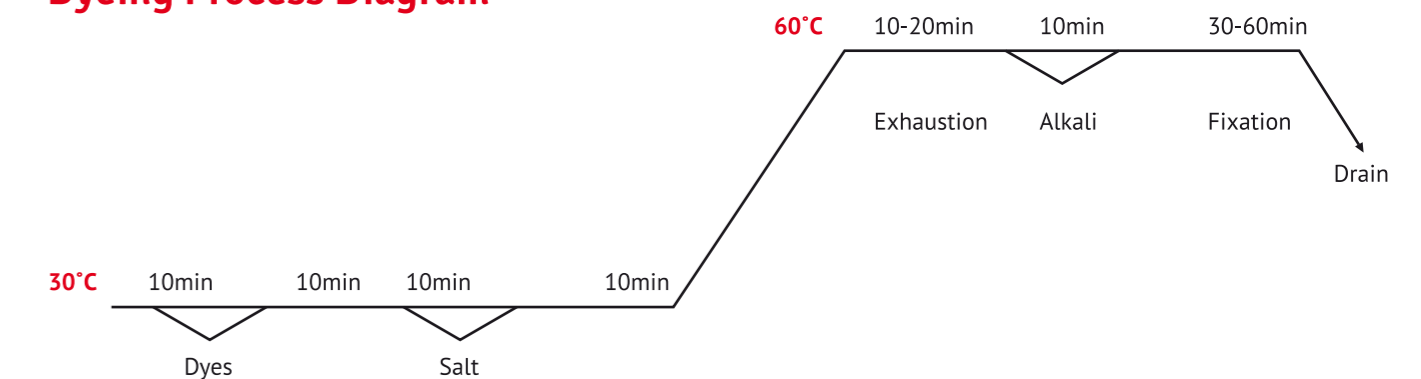
Salt & alkali requirement

Exhaust dyeing - M:L Ratio 1:10

Depth of shade	Sodium chloride or glauber salt		Soda ash (g/l)	Soda + caustic soda (g/l)	Fixation (minutes)
	Unmercerized cotton	Visoce or mercerized cotton			
Upto 0,10%	10	7	10	-	30
0,11% - 0,30%	20	10	15	-	30
0,31% - 0,50%	30	20	20	-	30
0,51% - 1,00%	40	30	20	-	45
1,01% - 2,00%	50	40	-	10 + 0,50	45
2,01% - 4,00%	60	50	-	10 + 0,75	60
> 4,00%	70	60	-	10 + 1,00	60

Dyeing: Exhaustion for 30 - 60min and fixation for 30 - 60min at 60°.

Dyeing Process Diagram



Excellent wash-off properties for increased productivity

