

*econfidence*<sup>®</sup>  
from DyStar<sup>®</sup> 

DyStar<sup>®</sup> 

# Remazol<sup>®</sup> Midnight Black RGB

Dark as the Night



**Deep black shades require high amounts of dyes. The new Remazol Midnight Black RGB is a highly concentrated Black with outstanding properties**

- ✓ White dischargeable in all color depths
- ✓ Very low staining of Polyamide in fiber blends
- ✓ Medium substantivity for reliable dyeing results

**The new, innovative Remazol Midnight Black RGB offers an optimum solution for exhaust and padding application when deepest Blacks are required**

**Remazol Midnight Black RGB can be used in all Remazol, Remazol RGB / Remazol Ultra RGB combinations**

**The advantages of Remazol Midnight Black RGB at a glance**

**Color Confidence<sup>®</sup>**

- ✓ Neutral to greenish shade
- ✓ Low staining to Polyamide in fiber blends
- ✓ White dischargeable in all color depths

**Controlled Coloration<sup>®</sup>**

- ✓ Very good reproducibility and levelness
- ✓ Balanced migration behavior
- ✓ Flexible use in exhaust, cold pad-batch and continuous processes
- ✓ Good wash-off behavior

**Remazol Midnight Black RGB econfidence<sup>®</sup> facts**

- ✓ AOX free (tbc)
- ✓ Metal free (tbc)
- ✓ Full compliance with Oeko-Tex<sup>®</sup> Standard 100
- ✓ Meets all Restricted Substance Lists (RSL)
- ✓ Applied for GOTS approval
- ✓ Submitted to bluesign<sup>®</sup>
- ✓ Retailer brand image

**For Deep Black shades in exhaust process:**

Minimum recommended salt amount is 80 g/l in LR 10:1. In general mix alkali (soda ash/ caustic soda) lead to deeper shades.

**Remazol<sup>®</sup> Midnight Black RGB:**  
For deepest Blacks with neutral to greenish shade

## Remazol® Midnight Black RGB : Technical Properties

3.0%

6.0%


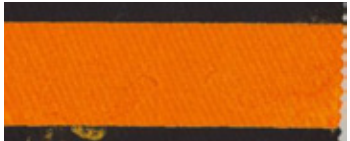
Suitability for processes	3.0%	6.0%
✓ Exhaust dyeing process	✓ Pad-dry-pad-steam process	✓ Econtrol® process
✓ Cold pad-batch process	✓ Pad-dry-steam process	✓ Pad-dry-thermofix process
	✓ Pad-steam process	✓ TTN process

Solubility under neutral dyeing conditions					
Neutral substantivity	Medium	Glauber's salt		Common salt	
Reactivity	Medium	50 g/l	80 g/l	50 g/l	80 g/l
Fixation value	80%	15	15	15	15

Selected fastness properties (on bleached, mercerized woven cotton fabric)			
Standard depth	Black	1/1	1/3
Light fastness ISO 105-B02	4	3-4	3-4
Nike® PLF alk. (ISO 105-B07)	4-5	4	
Fastness to activated bleach detergents (ISO 105-C09)	3-4 R		

Standard Depth 1/1	F	CTA	CA	CO	PA 6.6	PES	PAN	CV	WO
Home laundry / washing 50°C / ISO 105-C06-B2S	4-5		5	5	5	5	5		5
Home laundry / washing 60°C / ISO 105-C06-C2S	4-5	5		4-5	5	5	5	5	
Nitrogen fastness ISO 105-G01 3x	4-5								
Chlorine fastness ISO 105-E03 (20 ppm)	4								

Staining to multifiber during standard dyeing process	
CO	
PA 6.6, filament	
PA 6.6, staple fiber	
CA	
CTA	
WO	
PES	
PAN	
CV	
CO bleached, merc.	

Alkaline Dischargeability (on CPB dyeing with 50 g/l)	
	
White dischargeability	Color dischargeability

Recipes for dischargeability		white	colored
Sera® Print M-CAM 11%	g	550	550
Demineralized water, cold	g	250	250
Rongalit® C	g	160	160
Potash	g	130	120
Indanthren® Yellow 5GF sfx 1	g	-	60
Balance (viscosity approx. 35 d. Pa.s)	g	110	60
		1000g	1000g

Very low staining to non-cellulosic fibers

Fully white dischargeable

*Sustainability is our responsibility.* At DyStar, our products and services help customers worldwide reduce costs, shorten lead times and meet stringent quality and ecological specifications.

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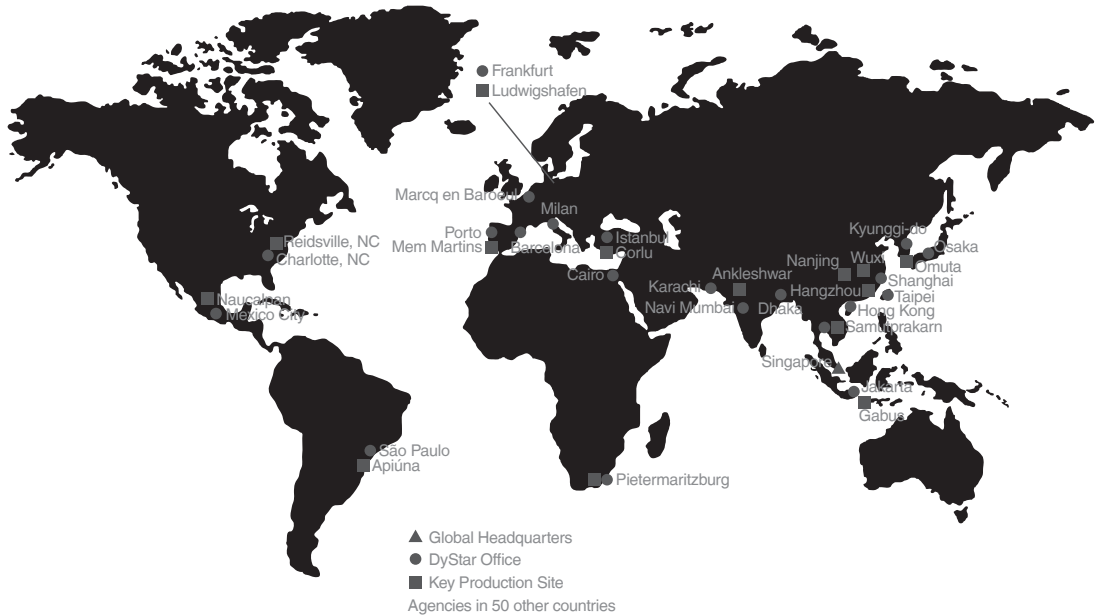
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