

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

**DyStar**<sup>®</sup> 

# **Remazol<sup>®</sup> Onyx RGB**

Balanced dye for Deepest Blacks



**Black shades require high amounts of dyes. The new Remazol<sup>®</sup> Onyx 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

**Remazol<sup>®</sup> Onyx RGB can be used in all Remazol<sup>®</sup>, Remazol<sup>®</sup> RGB / Remazol<sup>®</sup> Ultra RGB combinations**

**The new, innovative Remazol<sup>®</sup> Onyx RGB offers optimum solution exhaust and padding application when deepest Blacks are required<sup>®</sup>**

**The advantages of Remazol<sup>®</sup> Onyx RGB at a glance**

**Color Confidence<sup>®</sup>**

- ✓ Neutral to reddish shade
- ✓ Low staining of 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<sup>®</sup> Onyx RGB econfidence<sup>®</sup> facts**

- ✓ AOX free
- ✓ Metal free
- ✓ Full compliance with Oeko-Tex<sup>®</sup> Standard 100
- ✓ Meets all Restricted Substance Lists (RSL)
- ✓ Applied for GOTS approval
- ✓ Approved by 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) leads to deeper shades.

**Remazol<sup>®</sup> Onyx RGB:**  
For deepest Blacks with neutral to reddish shade

## Remazol® Onyx 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

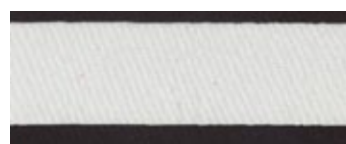
Selected fastness properties (on bleached, mercerized woven cotton fabric)			
Standard depth	Black	1/1	1/3
Light fastness ISO 105-B02	4	3-4	3-4
Nike® PLF alk. (ISO 105-B07)	4-5	4	
Fastness to activated bleach detergents (ISO 105-C09)	3-4 R		

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		5	5	5	5	5	
Nitrogen fastness ISO 105-G01 3x	4-5								
Chlorine fastness ISO 105-E03 (20 ppm)	3R								

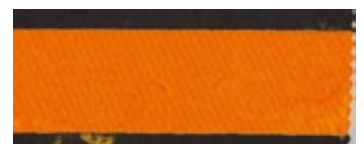
### Staining to multifiber during standard dyeing process

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

**Committed to Sustainability.** 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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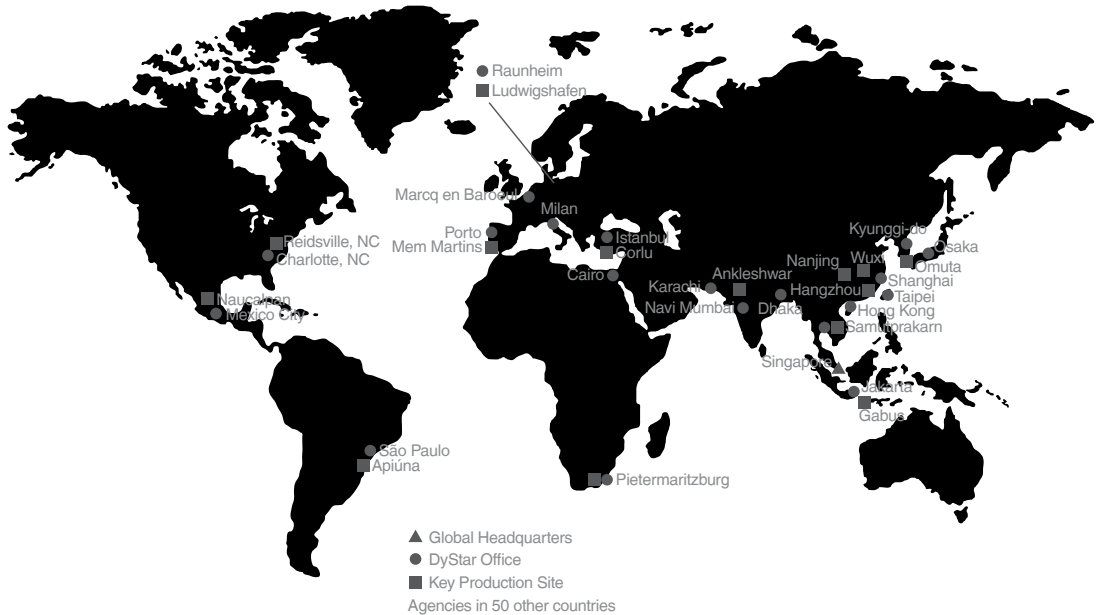
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DyStar econfidence  
more than just a color

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