

## White Paper

### **New Remazol<sup>®</sup> Black Dyes**

Remazol<sup>®</sup> Onyx RGB and Remazol<sup>®</sup> Midnight Black RGB For deeper Black shades

March 2014

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## Introduction

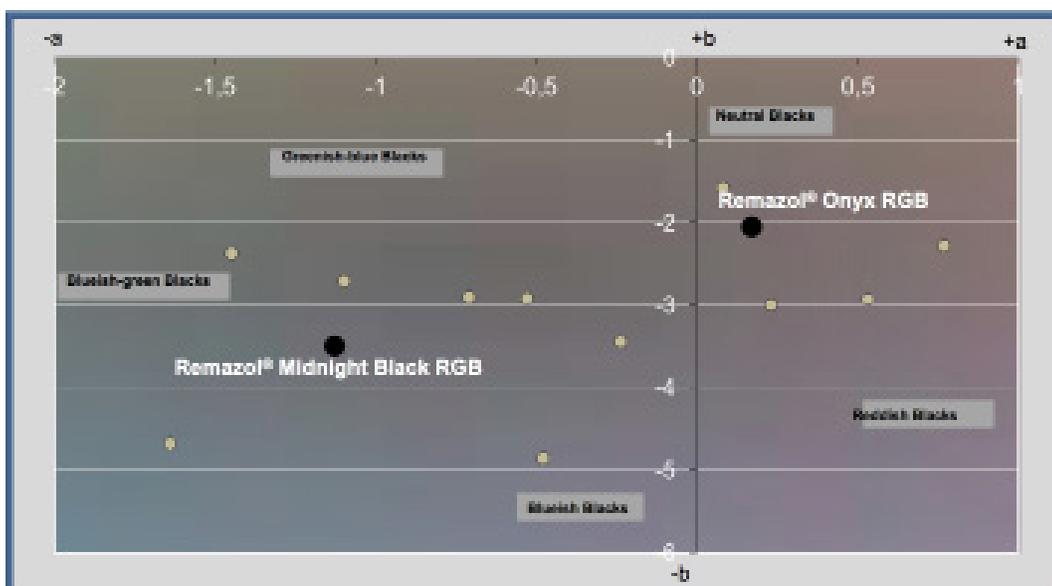
Black shades are always in fashion and black is a universal colour. The black suit, the little black dress, the black turtleneck sweater, the black jeans and the black T-shirt-Black is always suitable.

When dyeing black shades on cellulosic fibre substrates like cotton, reactive dyes offer a high flexibility in application, wide shade gamut and favourable fastness properties.

Now, DyStar® extends its successful range of Remazol® Deep Black reactive dyes with a new, neutral Remazol® Onyx RGB and a greenish Remazol® Midnight Black RGB.



## Characteristics



Both dyes show outstanding colour strength as well as build-up behaviour and are combinable with all other Remazol®, Remazol® RGB and Remazol® Ultra RGB dyes.

Like other Remazol® RGB dyes, Remazol® Onyx and Midnight Black RGB can also be used for exhaust, Cold Pad Batch and continuous applications.

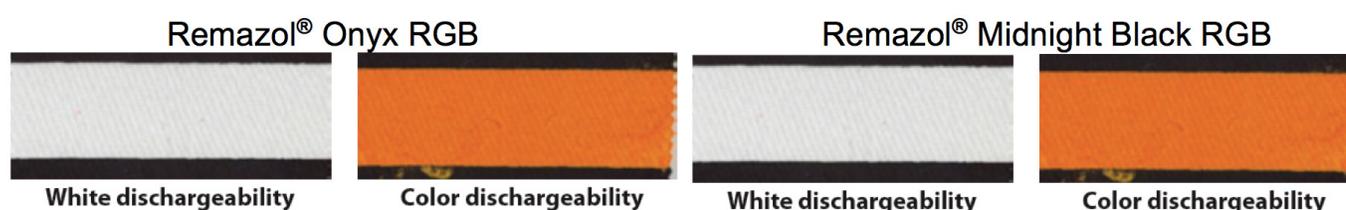
A common problem with deep black shades is the reddish build-up of conventional black reactive dyes.

Remazol® Midnight Black RGB keeps its greenish flare even in higher concentration and sets the basis for real deep Blacks.

Both dyes show low staining to PA and other synthetic fibres during dyeing process

	Remazol® Onyx RGB	Remazol® Midnight Black RGB
CO		
PA 6.6, filament		
PA 6.6, staple fiber		
CA		
CTA		
WO		
PES		
PAN		
CV		
CO bleached, merc.		

Both dyes are fully white dischargeable



Remazol® Onyx RGB and Remazol® Midnight Black RGB offer also ecological benefits because of following properties:

- Free of heavy metals
- Free of AOX
- Full compliance with Oeko-Tex® Standard 100
- Meets relevant Restricted Substance Lists (RSL)
- Applied for GOTS approval



## Summary

In summary, DyStar® offers with Remazol® Onyx RGB and Remazol® Midnight Black RGB new reactive dyes for the deep black segment with:

- Top fastness properties
- Low staining to Polyamide fibres
- Flexibility in application (exhaust/CPB/continuous)
- Balanced migration behaviour
- Excellent build-up behaviour
- Excellent wash-off properties
- White dischargeable
- econfidence® advantages

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