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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econfidence® from DyStar

DyStar®

Realan® Fast Black N

The Perfect Choice for Dyeing Black Shades on Polyamide



econfidence® from DyStar

DyStar®

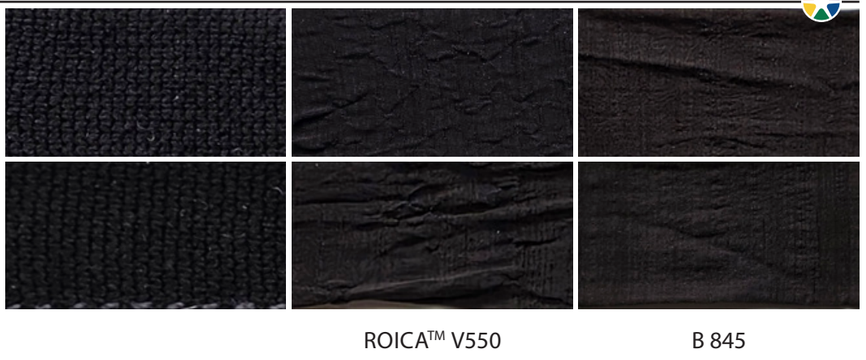
Realan® Fast Black N

Reactive dyestuff for Polyamide and PA/EL blends, designed for exhaust dyeing processes requiring very high washing fastness.

Realan® Fast Black N Exhibits

- Deep black shades
- Very good on-tone dyeing of Polyamide and Elastane mixtures
- High wash fastness results at 60 °C
- High weather fastness after 300 h
- Very good build up on different Polyamide types
- High seawater fastnesses
- Good chlorine fastness
- Suitable for lingerie, activewear, sportswear and swimwear

Staining on Elastane Fibres



Fastness Results With Sera® Fast C-VSF at 8 % Dye

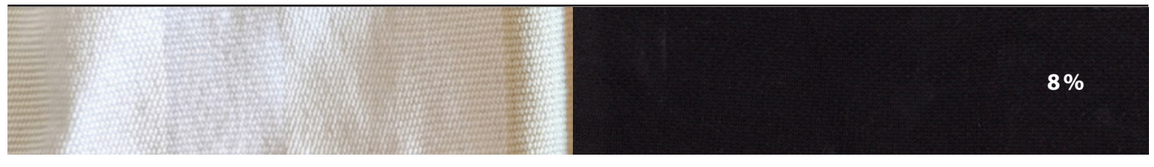
Polyamide 6.6 semi dull	F
Fastness to chlorinated water (100 mg/l active chlorine) ISO 105-E03	4
Weather fastness ISO 105-B04 300 h	7–8
Dry heat fixation 180 °C ISO 105-P01	4–5
Dry heat fixation 210 °C ISO 105-P01	4–5
Light fastness ISO 105-B02	6–7

Polyamide 6.6 semi dull	F	CA	CO	PA 6.6	PES	PAN	WO
Washing fastness 40 °C ISO 105-C01	5	5	5	5	5	5	5
Home laundry / washing 60 °C ISO 105-C06-C1S	4–5	5	5	4–5	5	5	5
Washing fastness 60 °C ISO 105-C03	5	5	5	4–5	5	5	5
Washing fastness 60 °C ISO 105-C06-A2S	5	5	5	5	5	5	5
Perspiration fastness, alkaline ISO 105-E04	4–5	5	5	5	5	5	4–5
Fastness to seawater ISO 105-E02	5	5	5	5	5	5	5

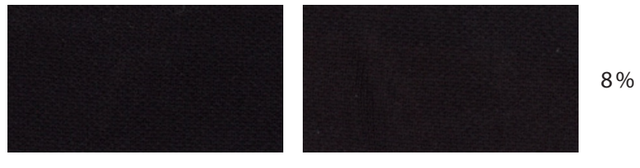
ISO 105-C06 C1S: Washing Fastness Properties



ISO 105-C03 60 °C: Washing Fastness Properties



ISO 105-E03 (100 ppm): Colour Fastness to Chlorinated Water



Color change: 4

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