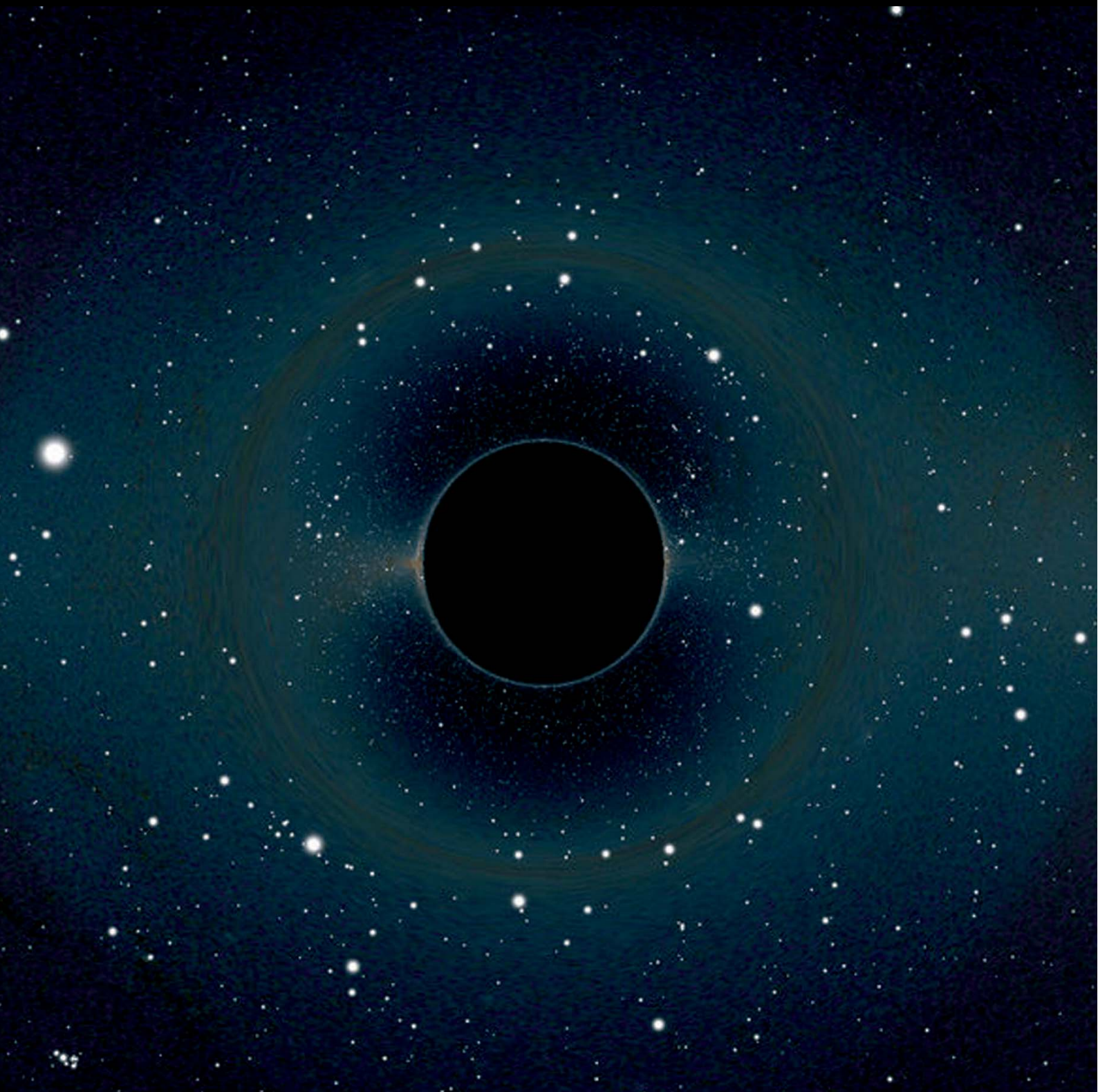


Remazol® Deep Black GWF
Experience a new dimension of black.



Remazol Deep Black GWF:

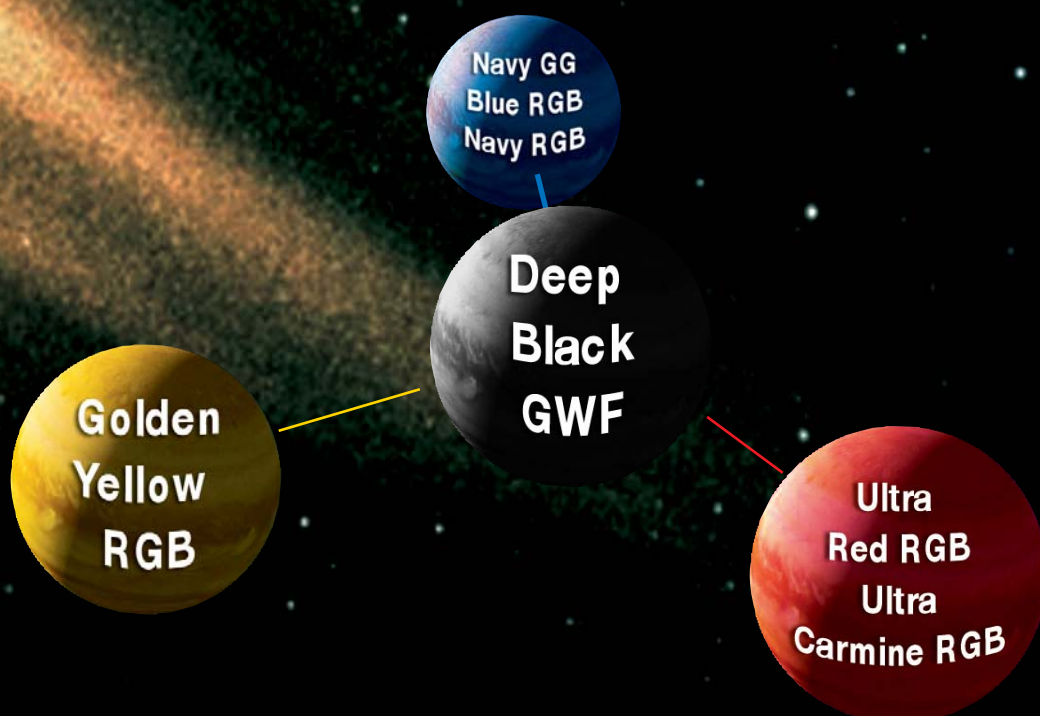
For intensive colourfast shades of black

Remazol Deep Black GWF is the latest innovation from DyStar for dyeing cellulosic fibres. It combines flexibility in application with extremely high performance in Controlled Coloration® and Color Confidence®. Remazol Deep Black GWF meets the most stringent fastness specifications so it is the ideal way to meet the rising ecological standards and fastness properties in the textile industry. The main features of Remazol Deep Black GWF at a glance:

- Top fastness properties
- Excellent build-up
- Flexible application (exhaust/CPB/continuous)
- Good reproducibility
- Flexible shading (neutral black)
- Excellent wash-off properties
- Dischargeable
- Conforms to Oeko-Tex Standard 100 requirements

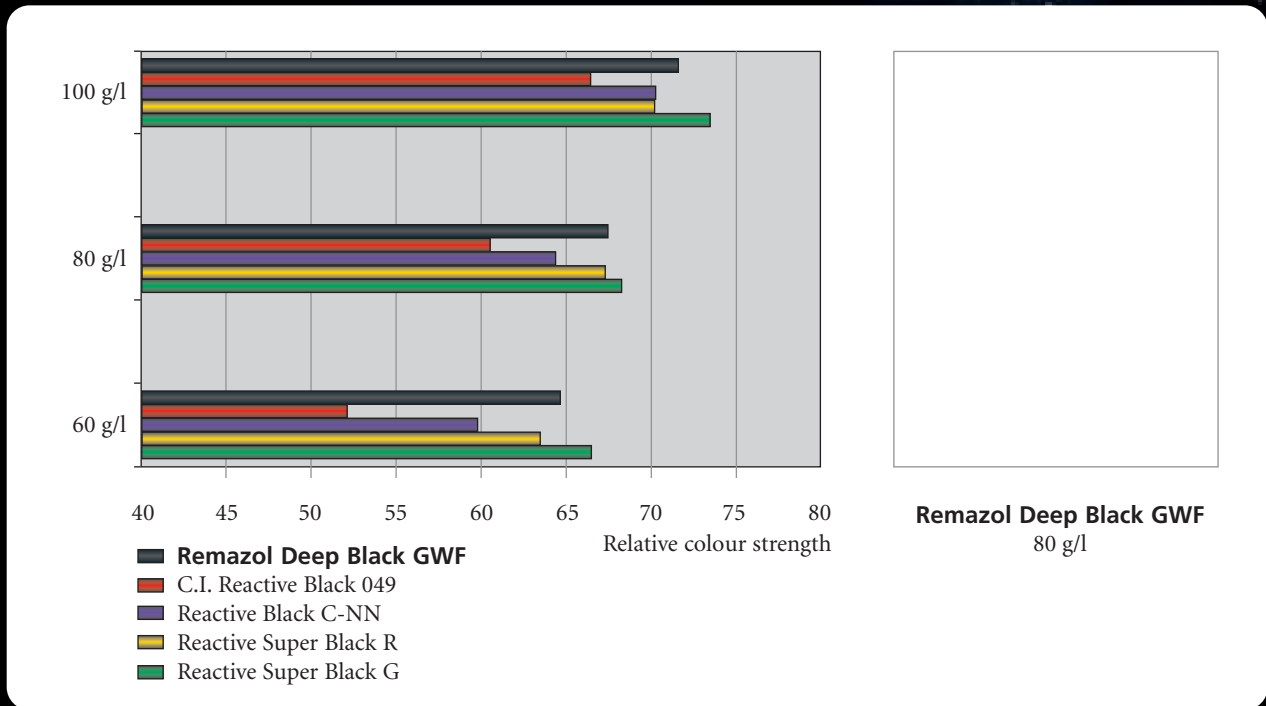
Remazol Deep Black GWF:

Flexibility in shading



Remazol Deep Black GWF: For Controlled Coloration in pad dyeing

Excellent build-up in all padding processes



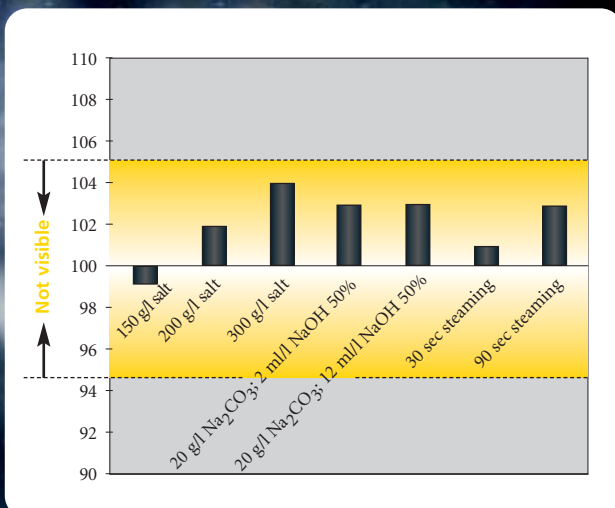
Convincing reproducibility in pad-dry pad-steam processes

Standard: 60 g/l Remazol Deep Black GWF
2 g/l Sera® Wet C-AS
5 g/l Sera Con M-LU
10 g/l Sera Gal M-IP

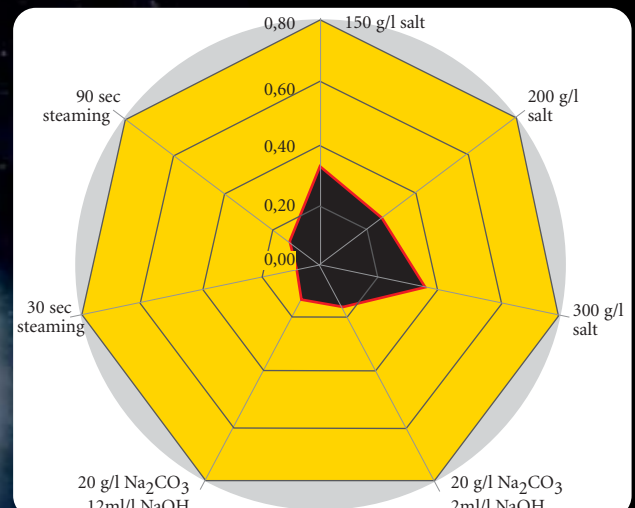
250 g/l salt
20 g/l soda ash
6 ml/l NaOH 50%

60 sec steaming

Colour strength [%]



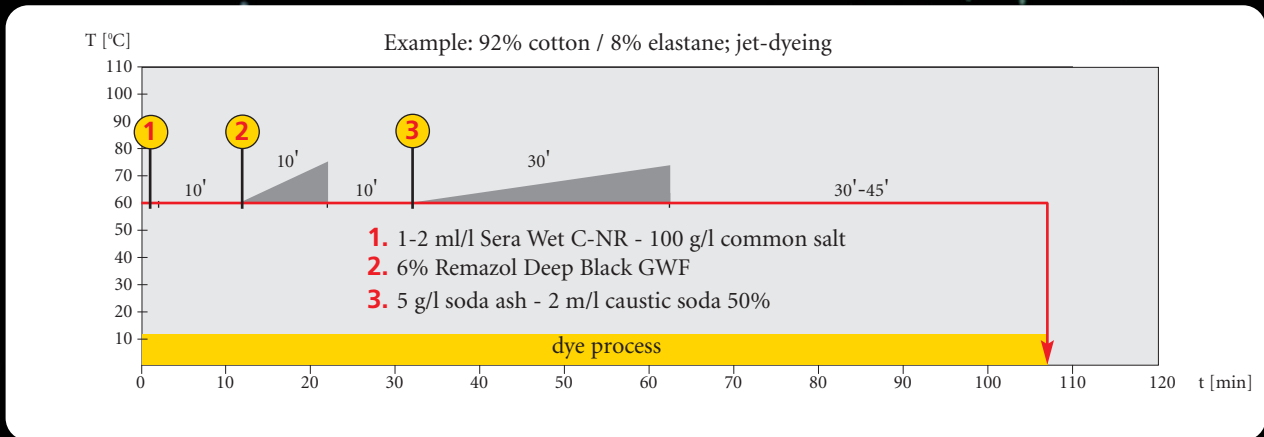
Change of shade [dH]



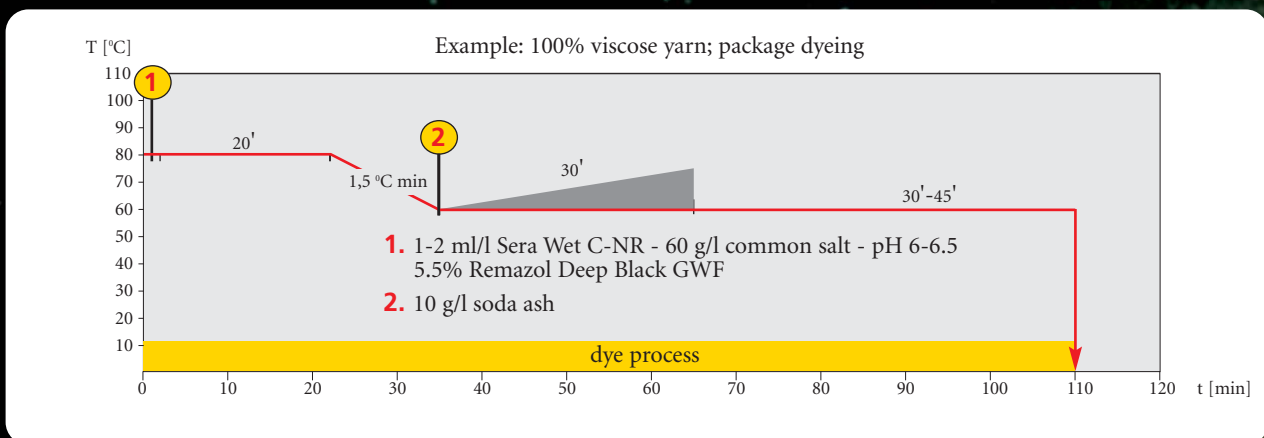
Remazol Deep Black GWF: For Controlled Coloration in exhaust dyeing

Process flexibility

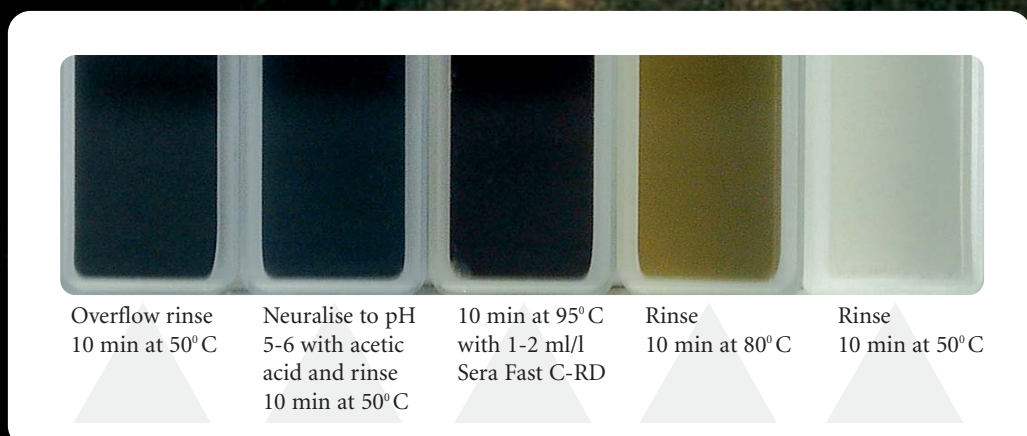
Rapid process on cellulosic fibre: • Cotton • Cotton / Elastane blends



Migration process: • Viscose • Modal fibres • Hanks



Easy to wash off:



Remazol Deep Black GWF: Top fastness properties for Color Confidence

Remazol Deep Black GWF offers tangible fastness benefits compared with other black dyes on the market.

Shade change fulfils retailer/brand requirements

- Good multiple wash fastness (ISO 105-C09) ▲
- Good chlorine fastness (ISO 105-E03; 20 ppm Cl₂) ■
- Best attainable light fastness; no off-tone fading (ISO 105-B02) ●

	1	1-2	2	2-3	3	3-4	4	4-5	5
Remazol Deep Black GWF						▲	▲ ■	● on-tone	
Market standard (e.g. Reactive Black 49)					■	▲ ● off-tone			

Excellent wet fastness

- Water fastness (ISO 105-C05-E01)
- Wash fastness (ISO 105-C05-C2S)

No staining on multifibre - wash fastness 60°C (ISO 105-C06-C2S)						
	5	4-5	5	5	5	4-5
Remazol Deep Black GWF						
Control						
Market standard (e.g. Reactive Black 49)						
	5	4-5	3-4 R	5	5	4-5
	CTA	CO	PA 6.6	PES	PAN	CV

Post-mercerisation is possible

- Bulk trials in practise show no staining on cotton and no shade change



Our products and services help customers worldwide reduce costs, shorten lead times and meet quality specifications. DyStar – Shaping success.



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