

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



Indanthren[®] Dyes

Forever Young



Manufacturers’ and Consumers’ Pivot Role in Textile Sustainability

When all, suppliers to the textile industry, production houses and consumers work hand in hand together, both sustainable production and sustainable products can be achieved, without inhibiting people’s urge to be different and beautiful. From the manufacturing end, sustainable products can be achieved by using better raw materials to produce higher quality products with better physical aspects, long-lasting fabrics, and colors.

Indanthren[®] dyes provide the highest possible fastness performance and durability for cellulosic fibers. They have multiple outstanding fastness properties and with respect to all these fastness properties, can easily satisfy very high requirements.

Indanthren dyestuffs are waiting for us to be re-discovered to contribute to Sustainability in many dimensions, both with their promises in terms of resource-saving and what they provide in terms of extending the product’s lifecycle.

Indanthren[®] Xtra Black HS Coll 01
The New Definition of Vat Black

Key Features

- Top-of-the-range black dye with unique properties
- Very good color build-up
- High light and weather fastness
- Very good overall fastness levels
- Rub fastness improvement possible, up to 1 degree for black
- Minimal change of shade during industrial and domestic laundering
- Minor change of shade during soaping
- Suitable for exhaust, continuous and printing processes
- Excellent dyeing behaviour in (yarn) package dyeing
- No or low dusting during rewinding of dyed yarn packages
- Excellent basis for black and dark grey shades

Indanthren Navy SR-N Coll
Unique Development, a Problem Solver

Key Features

- Top-of-the-range navy dye with unique properties
- Minor change of shade during soaping and finishing processes
- Best water-spotting fastness
- Very stable shade for outstanding reproducibility
- Minimal change of shade during industrial and domestic laundering
- Excellent basis for navy and dark blue shades
- Suitable for exhaust and continuous dyeing of CEL and PES/CEL
- Meets key ecological requirements; it does not contain organically bonded halogens or heavy metals

Cadira[®] VAT
Get a Move On

What is Cadira[®] VAT?

Environmentally friendly exhaust dyeing process for cellulosic fibers with Indanthren[®] dyes and Sera[®] process chemicals. It combines scour-dyeing with the high performance Sera Sperse C-CAD, followed by post-bleaching during soaping.

Hence, **Cadira VAT reduces the environmental impact, saves costs and increases the production**, just by small changes in the dyeing process.

Sera[®] Process Auxiliaries for Cadira VAT Processes

Core Products	Function	Form	Support Products	Function	Form
Sera Sperse C-CAD	Multipurpose, supports Cadira VAT processes	liquid	Sera Wet C-ANS	Wetting	liquid
Sera Sperse C-SN	Sequestering, dispersing, protective colloid	liquid	Sera Sperse M-IS	Dispersing	liquid / powder
Sera Quest C-PX	Complexing	liquid	Sera Foam M-EO	Defoamer	liquid
Sera Lube M-CF	Lubricant	liquid	Sera Lube M-LS	Lubricant, for heavy and wet rigid articles	liquid
Sera Con M-FAS	Reducing	powder	Sera Con C-SDR	Redox buffer	liquid
Sera Gal C-VAT	Levelling	liquid	Sera Gal C-AA	Leveling, stripping	liquid
Sera Con M-LU	Oxidizing	liquid / granulate	Sera Fast C-VSF	Fastness improvement	liquid
Sera Sperse M-DEW	Soaping	liquid			

Savings with Cadira VAT



up to
↓ 30 %
Water



up to
↓ 25 %
Steam



up to
↓ 20 %
Electricity



up to
↓ 30 %
Time

Less effluent load by use of Sera Con M-FAS as reducing agent

COD
up to
↓ 45 %

SALT
up to
↓ 50 %

SULPHUR
up to
↓ 85 %