

TEXTILE
SOLUTIONS.

INDUSTRY
SOLUTIONS.

SCIENCE & SERVICE
SOLUTIONS.

CHT

SMART CHEMISTRY
WITH CHARACTER.

ecoprint
by CHT

BEZAPRINT CC

WATERBASED PIGMENT DISPERSIONS

ecoprint
by CHT

CHT'S COMMITMENT TO TEXTILE CIRCULAR ECONOMY

For us, sustainability is not only a trend. It is one of our most important core values and goes alongside the innovative strength of CHT. It defines our daily work as well as our strategic focus. The CHT Group has great experience and a deep knowledge of all processes along the complete textile value chain. As an innovative partner of the textile industry, we are working continuously on the ideas and solutions of tomorrow, especially solutions for a beneficial environmental impact.

Circular economy is a major topic, also for CHT. The transition from linear to circular concepts requires a joint effort and rethinking. Therefore our scientists and technical application and product safety experts are working closely with customers and brands to reach the common goals and accelerate innovation.



KEEP IT
IN THE CIRCLE

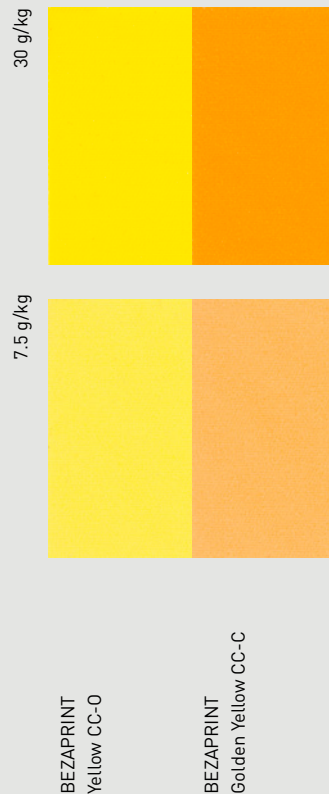


Waste presents problems all along the fashion supply chain. Ensuring long term sustainable prosperity which is in alignment with the United Nations Sustainable Development Goals (UNSDG) we believe that circular economy is the future and the right way to go. A circular economy is a system that minimizes the input of resources and the output of emissions and waste. It transforms our take-make-waste linear economy to a close-loop system to keep products in use for longer and make them to fuel for another process – either as a by-product or a newly extracted resource. This means that everything starts with the design of the product, having the garments end-of-life in mind.

PIGMENTS

BEZAPRINT CC

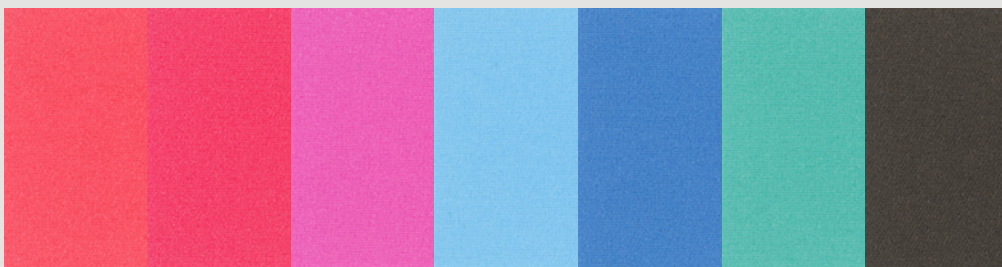
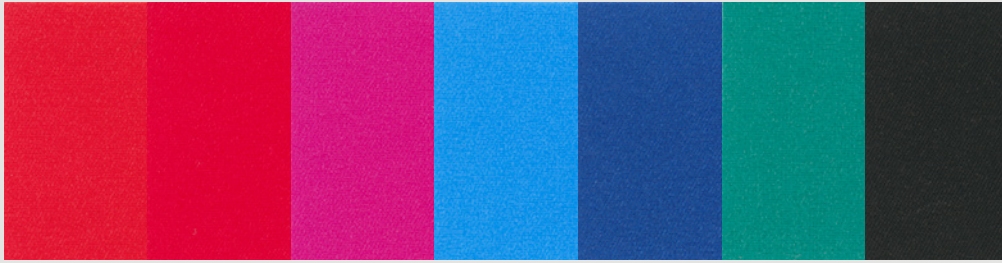
Waterbased pigment dispersions for printing and continuous dyeing. Stylish and highly fast colours can be achieved within the entire colour spectrum.



Fastness to Light DIN EN ISO 105-B02	CC	1 g/kg 30 g/kg	6-7 7-8	6 7-8		
Fastness to Saliva and Perspiration	CO	30 g/kg	fast	fast		
Fastness to Dry Cleaning DIN EN ISO 105-D01 (perchloroethylene)	CC	1 g/kg 30 g/kg	5 5	5 4-5		
Fastness to chlorinated water DIN EN ISO 105-E03 (100 mg chlorine)	CC	1 g/kg 30 g/kg	5 5	4-5 4-5		
Suitability for PVC-Coating* DIN EN ISO 105-X10	PVC	30 g/kg	5	4-5		
Change of shade on fixation CHT internal (4 min at 150 °C)	CC	1 g/kg 30 g/kg	5 5	5 5		
			CO	PES	CO	PES
Heat Stability on CO and PES CHT internal (2 min at 190 °C after curing)	CC	1 g/kg 30 g/kg	5 5	5 5	5 5	5 5

* Provides a general message about migration tendency into white pastes.

Colour Change CC
Staining of the PVC-Foil PVC
Staining of cotton CO



BEZAPRINT Carmine CC-E BEZAPRINT Red CC-G BEZAPRINT Fuchsia CC-I BEZAPRINT Brilliant Blue CC-L BEZAPRINT Blue CC-K BEZAPRINT Green CC-M BEZAPRINT Black CC-N

7 7-8		4 7-8		7-8 7-8		7 7		7 7		6-7 7-8		7-8 7-8	
fast		fast		fast		fast		fast		fast		fast	
4-5 4-5		5 5		5 5		1 4		4-5 4-5		2-3 4		5 5	
5 5		5 5		4-5 4-5		4-5 4-5		4-5 4-5		4-5 5		5 5	
4-5		4-5		4-5		4-5		4-5		2		4-5	
4-5 5		4-5 5		4-5 5		5 5		4-5 5		5 5		5 5	
CO	PES	CO	PES	CO	PES	CO	PES	CO	PES	CO	PES	CO	PES
4 5	4 4-5	2 5	1-2 4-5	4 4-5	4 4-5	3-4 5	3-4 4-5	4 5	4 5	4-5 5	3-4 3	5 5	4-5 5

All products have achieved a C2C Certified Material Health Certificate, are GOTS 6.0 approved, suited for OEKO-TEX® STANDARD 100 and bluesign® approved.



15/2023

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