#innovative
#creative
#responsible

Technology supporter

Innovative machine technology supported by intelligent chemical solutions

LAB 102

Blue veins of CHT

Technology supporter

Major innovations in the jeans production include the creation of used areas made with laser technology, ozonation of jeans for all over bleaching effects, low liquor technologies to save water in exhaust processes, as well as nebulization systems.

While these innovations give new possibilities to process the garments, especially in a more sustainable way, often the outcome does not always meet the required quality standard. Even more, when requirements, like 3rd party certifications, ask for chemical auxiliaries that have been thoroughly examined to not be of danger for human health and environment.

Our Technology Supporter product range acts exactly at this point.

NEBULIZATION

Product	Description	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
organIQ seek System	Purely organic bleaching system for denim. It can be used in bath application as well as in nebulization machines. It is the perfect complement to the organIQ BLEACH system. By using both systems together, the number of possible effects is almost unlimited.		✓	✓	✓	
organIQ BIOPOWER	Special cellulase mix for fog application to obtain stonewash looks and to reduce lint formation at the same time. Very sustainable processes, especially also with a subsequent treatment with the organIQ systems.	-	✓	✓	✓	

LASER

Product	Description	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL TEC-LL	Applied on the garment to improve the laser effect. Stronger contrast, brighter whiteness of laser. Increased detail of laser pattern. Easy to handle and applicable by spray or nebulization.		✓	✓	✓	

OZONE

Product	Description	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL TEC-CR	This product helps to achieve strong bleaching results with dry ozone treatments. The achieved bleaching effect with DENIMCOL TEC-CR is totally even and reproducible.	✓	✓	✓	✓	(✓)
DENIMCOL TEC-GIN	This neutralization agent is based on renewable raw materials, is easily biodegradable and allows an ecological neutralization of ozone bleached garments. On blue denim articles, the final color is a brilliant blue, less blurry and grey in comparison with conventional neutralizers.		✓	✓		

FOAM

Product	Description	GOTS	ZDHC	blue-sign®	Indi-tex	EIM
DENIMCOL TEC-FOAM	This product creates foam in normal drum washing machines and reduces water consumption in comparison to conventional processes. Suitable for processes like enzyme wash, dyeing etc.		✓		✓	

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