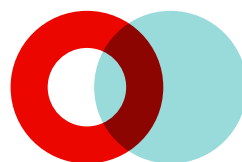




ENZYMES



**color
center**

Developing chemistry
for the future



COLOR CENTER
Colorantes y Productos Químicos
Dyes & Chemical Products



RESEARCH, DEVELOPMENT, INNOVATION

Color Center, S.A. is a research & innovation driven chemical company, strategically focused on textile chemistry market. Our mission is to provide high value-added solutions to the technological challenges posed by our clients in a dynamic and constantly changing environment.

We have a wide experience in the textile sector with highly qualified staff and modern laboratories for synthesis, chemical characterization, application and quality control. We are aware of the competitive advantage that means incorporating the external talent and “ideas” to our innovation process. For that reason we work under a collaborative and highly flexible model based on the “Open Innovation”. We work closely with Customers, Suppliers, Experts and Technological Centers to offer our customers the best service and remain at the forefront of the sector.

We work systematically in the development, acquisition and design of new materials and Nano-materials that allow us to offer more sustainable products with an improved toxicological profile, while maintaining the most demanding level of performance and quality required by the current market.

DISTRIBUTION, PRODUCTION AND WAREHOUSES

Our products are distributed worldwide in the best conditions and with the highest punctuality from our factories and warehouses located in the most strategic areas. Our warehouses are equipped with the latest logistic systems, which allow us to manage the goods efficiently and to deliver them within the best deadlines.

Furthermore, our experience in the field of import / export permits us to be present anywhere in the world. CENTER QUIMICA S.A.C. is the operational base of the Group Color Center in the area of South America.



COLOR CENTER, OUR COMPANY

Was founded in 1978. From the beginning, it has been consecrated to the design, production and marketing of dyestuffs and auxiliary products for the textile industry.

According to its wide experience and always looking ahead, the main objective of **Color-Center, S.A.** is to guarantee a complete and a tailor-made service to its customers. Thanks to this policy, our products are acquired by an increasing number of customers from all around the world. We offer specific solutions adapted to our customers requirements and we are proud to offer the highest quality services to a large number of customers.



ENZYMES

CREATING TEXTILES USING THE BEST TECHNOLOGY AVAILABLE

SAVE TIME, WATER, ENERGY AND CHEMICALS WHEN USING ENZYMES IN THE TEXTILE PRODUCTION

Chemicals used in industrial processes are one of the most severe threats to nature and man today.

By using enzymes we can maintain the living standards we have today and at the same time preserve the environment for our children. And enzymes do not just replace chemicals. They also reduce the consumption of raw materials, energy and water, giving real benefits to both the environment and industry.

Color Center offers many specialized enzymatic compounds for textile industry processes: biopolishing, desizing, bleach clean-up, bioscouring, denim finishing, fashion... helping manufacturers to produce goods of higher quality, save energy and help ensure a safer working environment.

Enzymes are biologically active proteins which are able to catalyze biochemical reactions. Like all other proteins, enzymes are made of amino acids. Each enzyme is made of between a hundred and upwards of a million amino acids linked by chemical bonds in a specific sequence that determines 3D folding and therefore its function.

ENZYMES

		APPEARANCE	FAMILY	pH	T(C°)	APPLICATION PROCESS			
						CONTINUOUS	DISCONTINUOUS	GARMENT	DENIM
UNIZIM PWO	Removes by enzymatic hydrolysis the lint and peeling which are caused by friction in WO fibers and mixtures thereof. Suitable for overflow, Jett, etc., ...	liquid	protease	10	40	-	X	-	-
UNILITE II-S	Eco-designed product, specifically formulated and buffered for Denim discoloration, does not affect the lycra.	powder	laccase	4-5	60-70	-	-	X	X
UNILITE DCF	Indigo fading enzyme at room temperature. Designed for a wide range of effects on denim, significant advantages over other techniques based on hypochlorite.	powder	peroxidase	4.5-5	25-35	-	X	-	X
UNIZIM BIO	Particularly suitable for the bio-preparation processes of yarn or cotton and mixtures thereof. Optimum results regarding hydrophilicity and demineralization without loss of strength or DP ..	liquid	pectinase	6-9	50-60	X	X	-	-
UNIZIM COMBI	Cellulase+catalase. Enzymatic product specifically designed for the biopolishing process, peroxide removal and dyeing in one bath. It helps to save energy, time and water, ensuring high quality fabrics.	liquid	combi	4-8	50-60	-	X	X	X
UNIZIM CRO EXTRA CONC	Cellulase + alpha-amylase, concentrated. Achieves excellent abrasion effect on the denim simultaneously to the preparation process, minimizes indigo backstaining.	powder	combi	6.5-7.5	40-55	-	-	X	X
UNIZIM CRO	Cellulase + alpha-amylase. Achieves excellent abrasion effect on the denim simultaneously to the preparation process, minimizes indigo backstaining.	powder	combi	6.5-7.5	40-55	-	-	X	X
UNIZIM MPD	Alpha-amylase + pectinase. Bioscouring and desizing in one step, without adding detergents, wetting agents, or pH regulators.	liquid	combi	6-8	40-60	X	X	X	-
UNIZIM PTM	Neutral cellulase containing antibackstaining and buffering agents to pH 6.0-7.5. For use in jeans abrasion (stonewashing).	powder	neutral cellulase	6-7.5	45-60	-	-	X	X
UNIZIM N-10/C	Powder formulation of a neutral cellulase together with buffer and antibackstaining. Stonewashing for denim.	powder	neutral cellulase	6-7.5	50-60	-	-	X	X
UNIZIM DR	Used for biopolishing, it can be used before, during or after dyeing.	liquid	neutral cellulase	5-8	50-60	-	X	X	X
UNIZIM D-LT	Designed for biopolishing, it can be used before, during or after dyeing. Also for denim.	liquid	neutral cellulase	5-8	35-45	-	X	X	X
UNIZIM D-LT/2 nuevo	Neutral cellulase containing antibackstaining. Recommended for biopolishing, it can be used before, during or after dyeing.	liquid	neutral cellulase	5-9	35-45	-	X	X	X
UNIZIM CNB Plus	Recommended for biopolishing. The product is suitable for working in garment and fabric (piece) facilities (jet, overflow, etc.). Excelent pice/quality ratio.	liquid	neutral cellulase	5-8	50-60	-	X	X	X
UNIZIM LVM	Recommended for biopolishing.								
UNIZIM TCL	The product is suitable for working in garment and fabric (piece) facilities (jet, overflow, etc, ...). Different concentrations available.	liquid	acid cellulase	5-5.5	50-55	-	X	X	-
UNIZIM CLB									
TERMINOX Ultra 50									
UNIZIM EFR-15	Specifically decomposes the residual hydrogen peroxide present on tissue and in the treatment bath into no active oxygen and water.	liquid	catalase	6-8	40-60	X	X	X	-
UNIZIM LXO	Overdosing of the product can not affect the dyeing nor tissue. Different packaging and concentrations.								
UNIZIM ultra OX									
UNIZIM XT-L	Keeps effectiveness over a broad pH range.								
UNIZIM DSL/130	No negative effects on fabric resistance thus improving quality.	liquid	alpha-amylase	5-10	20-85	X	X	X	-
UNIZIM H conc.	Wide range of working temperatures. Different concentrations available.								
UNIZIM TVX	Enzyme + detergent. Keeps effectiveness over a broad pH range.								
UNIZIM AMT	No negative effects on fabric resistance thus improving quality. Wide range of working temperatures. Different concentrations available.	liquid	alpha-amylase	5.5-7.5	40-80	X	X	X	-
AQUAZYM PS-L	Alpha-amylase enzyme. Designed specifically for Pad-Steam.	liquid	alpha-amylase	5-7.5	80-115	X	X	-	-



COLOR CENTER

**TECHNICAL DEPARTMENT
R&D**



OFFICIAL DISTRIBUTORS
FOR SPAIN AND PERU



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for the future

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Colorantes y Productos Químicos
Dyes & Chemical Products

Pje. Marie Curie, 3 (nave 6)
08223 Terrassa · Barcelona (Spain)
Tel.: +34 937 861 113
Fax: +34 937 863 434
info@colorcenter.es
www.colorcenter.es



Best Tex Chemicals Ltd

Noor Tower, 5th floor,
plot-18, Sector-11,
Garib-E-Newaz Avenue
Uttara, Dhaka-1230.
+8801709639380/+8801923215556
sakishna@besttexchem.com
info@besttexchem.com
www.besttexchem.com



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