

HUGO BOSS chooses coldblack® for Davis Cup Wear

127 nations entered for this year's Davis Cup – the premium international championships in men's tennis. The finals were held from 21 to 23 November, 2008 in Mar del Plata, between Argentina and Spain. Also on court was coldblack®, the new sun-protection textile finish from Schoeller.



Ball children at the final in Argentina.

HUGO BOSS has been providing the team dress for the Davis Cup since 1988 and has decided on a coldblack® finish for the new linesmen's collection. "Like the players themselves, they often stand around in the sun for hours. With this new finish, we can use the color black with no difficulties and at the same time integrate good sun protection", is how Till Pohlmann, Head of Sports Sponsorship at HUGO BOSS AG, explains the choice of material.

The new technology causes an invisible color change that reflects the heat rays, instead of absorbing them like dark textiles normally do. With coldblack®, efficient heat management and a high level of protection from UV rays are achieved right across the color spectrum (UPF 30+). So tennis is fun, on both sides of the line. Incidentally, the worthy winner of the Davis Cup BNP Paribas 2008 was the Spanish team, which had assumed a leading position right through the tour and proved in the final that even without Rafael Nadal they can emerge victorious.

Strategic cooperation: **Schoeller Technologies AG** and **Clariant International Ltd** have jointly developed the coldblack® technology and filed patent applications (pending) covering the coldblack® technology. Schoeller Technologies AG is responsible for marketing and branding activities. **Clariant International Ltd** is handling all matters of sales, production and distribution worldwide, and the transfer of technical know-how and quality control towards customers, predominantly textile mills.

DyStar and BASF signed cooperation agreement on efficient dyeing of polyamide fibers

DyStar Textilfarben GmbH & Co. Deutschland KG of Frankfurt and BASF SE of Ludwigshafen, Germany, have recently signed a cooperation agreement on joint research and development aimed at improving the dyeing of textile polyamide fibers. BASF is responsible for new polymers for fiber production while DyStar will see to the development of the dyes.

Within its Ultramid® product line, BASF is developing new fiber polymers with improved dye absorption. This allows the use of dyes that achieve high levels of wet fastness and light fastness and that also have good fixation properties. With its Telon® RN dyes, DyStar has succeeded in developing a complete range of reactive dyes for polyamide including a three color combination with good compatibility that meet very high fastness requirements.

The Telon RN dyes allow brilliant and deep shades of color. They lend themselves particularly well for high-end articles that require fastness at laundering temperatures of up to 95°C [203°F] and multiple wash cycles at high temperatures. Furthermore, DyStar is offering its Isolan® NHF-S and Telon M dyes which are already well-established on the market and which fulfill all of the standard fastness requirements made by leading retailers.

Steve Barron, Head of Strategic Marketing, viewed the agreement as a sig-

nificant step towards new developments and innovative products. "We welcome the close cooperation with BASF. We are convinced that BASF's experience in polymer development will have a very positive impact on the development and marketing of our range of Telon RN dyes. As a leading supplier of products and services for the entire textile industry, we are working with BASF to make a major contribution to quality improvement for retailers and brandname suppliers."

Dr. Wolfgang Micklitz, head of BASF's Global Business Management Polyamide and Intermediates points out, "Together with DyStar, we can promote beneficial polymer developments for the textile branch." Whether polyamide fibers are used on their own or in a blend with cotton, they have acquired ever-greater significance for fashionable and functional clothing in recent years, so that they have now become indispensable in modern fashion for sports and recreation. Aside from the standard grades, highly pigmented fibers and microfibers are being used more and more widely.

These fibers and the dyes for outdoor articles such as tents, sleeping bags as well as functional and sports clothing all have to meet high requirements in terms of wet fastness and light fastness and have to be suitable for multiple wash cycles at high temperatures.

BASF chemists receive the Allan B. Black Award of the Society of Cosmetic Chemists

BASF effect pigments deliver great looking skin – for ethnic skin types too. Women all over the world want a flawless, even complexion – but finding a foundation formulated exactly to meet the skin's needs has been difficult until now, especially for women with ethnic skin types. BASF chemists at the Ossining site, New York, USA, designed and performed a study to investigate the problem and have now been chosen to receive an award for the achieved results. Leila Song, Ph.D., Gabriel Uzunian, Betty Aucar and James Carroll Jr., Ph.D., have been presented with the Society of Cosmetic Chemists' (SCC) prestigious Allan B. Black Award for their paper titled "Complex Effect Pigments: Innovative Solutions for Ethnic Color Cosmetics".

"Conventional foundation is supposed to add color to the skin. But skin that already has plenty of color actually doesn't need that" says Song, a polymer chemist with BASF. "Our studies show how our effect pigments enhance the natural skin tone while at the same time concealing any blemishes." BASF's effect pigments enhance the individual skin tone of very different skin types through their interference effect, resulting in a radiant, healthy appearance. Because of their special layered structure, these pigments also reflect different colors upon exposure to light. The BASF experts have now discovered that the color reflection response differs between darker and lighter skin types. To counteract redness on light skin tones, it is best to add green-reflecting pigments. For darker skins, the desired effect is achieved by adding red-reflecting pigments. The award has been presented in New York City on 11th December.

Datacolor brings wireless communication to color measurement solutions

Datacolor, a global leader in digital color management technology, announced they are introducing a new line of portable sphere spectrophotometers with Wifi and Bluetooth capabilities to allow users to share color standards and measurements everywhere they do business including remote job sites, factories or from their vehicles.

The new Datacolor® Check® II, Check II Plus, and Check II Pro have the ability to store up to 30,000 measurements and organize them in its industry-unique folder system by customer, color, or process. The highly-accurate Check II system works in tandem with all of Datacolor's benchtop-series spectrophotometers including the Datacolor 600® and Datacolor 650® used by Master Batches and Textile Dye Houses around the world. Color standards and measurements can be uploaded / downloaded anywhere with use of Bluetooth and Wi-Fi Technology.

The Datacolor Check II-series portable spectrophotometers offers a number of new benefits and features ideal for technicians and colorists who work in the field or need to follow stringent industry standards and codes.

Features include Bluetooth and Wi-Fi Data Transfer; on-board Palm T/X with touch-screen stylus interface; three methods of 555 Shade Sorting (L*a*b*, LCh, and CMC) for easy sorting of fabric lots; Chinese Language OS and input; and LRV measurements for UK building standard BS 8300:2001-2005.



"Check II" Portable Sphere Spectrophotometer.

Jason Francis of R.S. Alberts, a multi-faceted custom molder in Montoursville, PA said, "the wireless function is great. We take the Check II all over the plant. It's really nice to have every measurement stored on the spectro wherever they go."

Bob Karpowicz, Product Manager at Datacolor said, "designed for versatility in various applications, Datacolor's new Check II portable spectrophotometer addresses a number of market needs and trends, including the need for wireless connection." "For the first time, color professionals in the Textile, Plastics and Automotive industries can utilize Datacolor's advanced color technology wherever they go – seamlessly and wirelessly.

"And because the Check II shares the same spectral technology with our benchtop systems, like the Datacolor 600, our customers not only get the best accuracy and inter-instrument agreement of any portable device, but also unparalleled agreement with the Datacolor reference grade instruments that their colorant labs use. That means better efficiency and fewer mistakes throughout the color supply chain," Mr. Karpowicz added.

The Datacolor Check II acts as a QC lab in the palm of your hand. The Datacolor exclusive Multi-Dimensional Tolerancing feature makes the Check II the best stand-alone portable color measuring solution for manufacturers concerned with colors that shift with changing light sources. Now, producers of multi-fabric garments, manufacturers of multi-component plastic parts, and printers needing to match samples of unknown origin will find the Check II an invaluable way to avoid unwanted metameric flair in their products.

First to meet UK building code

The spectrophotometer's Light Reflectance Value (LRV) feature is the first to conform to the new UK building standard (BS8300:2001-2005) which enables contractors and designers to meet code for contrasting architectural surfaces. The requirements for contrasting surfaces make it easier for the visually impaired to perceive the edges of a structure's makeup such as walls, floors and steps located in public areas. The Check II LRV function ensures that specific building codes are met without question or compromise.

The power of a personal digital assistant

Using an integrated PDA, the Check II is the only instrument with a touch screen-stylus interface, making it easy to enter long standard and sample names. In addition, the native PDA folder structure allows users to store up to 30,000 samples and standards, compared to the current maximum 2,000 with competitive products on the market.

Added benefits to textile and plastics industries

Datacolor has extensive experience in the Textiles industry and Check II is the only instrument on the market that offers three modes of 555 Shade Sorting (L*a*b*, LCh, and CMC) options. This provides users with a more flexible and portable solution, specifically for the Cut-and-Sew sector of the textile industry, by allowing users to quickly evaluate and sort incoming fabrics for optimum garment matching. As an innovator and leading provider of Color Matching solutions for the Plastics industry, Datacolor's Check II now gives Plastic Injection Molders a portable QC solution while offering the same spectral technology as their Master Batch suppliers.

AVM Eid Milan Celebration

AVM Chemical Industries, arranged AVM Eid Milan get-together, followed with a musical program with their customers, friends and textile technologists.

Mr. Shoaib Tiki, Director AVM Chemical Industries and the organizer of the event was quite pleased with the turnout and commented. "In these busy times we are pleased to provide with our friends from the industry a certain respite from the routine where can just relax and enjoy good company. We look forward to holding other such events in the future."



Muhammad Shoaib Tiki (Director), Mr. S.M. Imtiazuddin (Technical Director), Mr. Ibrahim Abdullah (M/s. Lucky Textile), Muhammad Nazeer (M/s. Al-Karam Textile Mills).



Mr. Arif Sheikhani (Director), M/s. Hay's Pvt. Ltd. Mr. Ayub (Director), M/s. Al-Munaf Corporation, Mr. Munaf Bawany, M/s. Home Care Textile.