



Ciba (China) Ltd.
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News Release

Ciba presents innovations that enhance plastics appearance and performance at ChinaPlas2008

- *Latest launches include non-phenolic stabilizer for PP fiber, innovative clarifier, new effect pigments and versatile innovative organic pigments*
- *Two world-class antioxidant supply points to serve industry demands in Asia and Middle East*
- *Extended services and support in Asia-Pacific region*

Ciba presents a host of new solutions for the plastics industry at ChinaPlas 2008, Asia's largest trade exhibit for the plastics and rubber industry, to be held in Shanghai from April 17-20. With the theme "Your business – our effects", Ciba shows newly launched products and effects grouped according to aspects they enhance – ***Durability & Protection, Functionality & Performance, Color & Appeal*** and ***Processing Efficiency***.

Durability & Protection

A new stabilizer system designed to provide Durability & Protection to plastics, Ciba® IRGASTAB® FS 533 is highly suitable for polypropylene bulk continuous filaments and staple fiber. Phenol-free, the product allows manufacturers to reduce the amount of down-graded material resulting from gas fading, which can occur with phenol-containing products.

Ciba® TINUVIN® XT 833 is a high-performance light stabilizer system allows PVC and PVC-coated architectural fabrics, pool and pond liners, wire and cable jacketing, flooring and other flexible PVC products to retain their flexibility and tensile properties for extended periods of time.

Based on completely new pigment chemistry, Ciba® CROMOPHTAL® Yellow 4GV and its polyethylene-based preparation, Ciba® MICROLEN® Yellow 4GV-PG, extend the available color space in polyolefin, ABS and polyamide applications. This highly versatile, fully organic, green-shade yellow pigment is listed by the FDA as food contact compliant. Non-warping, the pigment has very high color strength and excellent color retention in high-density polyethylene (HDPE) outdoor applications. It retains its outstanding heat stability and light fastness even in shading concentrations. The plastics industry is already benefiting from this new pigment class thanks to its unique combination of high-performance features.

Functionality & Performance

Offering outstanding "see-through" clarity at low concentration, Ciba® IRGACLEAR® XT 386 is a clarifier for polypropylene that also yields organoleptic excellence resulting from high thermal and chemical stability as well as high extraction resistance.

Ciba® IRGASTAT® P 18/P 22 permanent antistatic agents provide effective static dissipative performance to different thermoplastic substrates with no impact on color and transparency. Supplied in easy-to-use pellet form, the product is suitable for applications such as packaging and intermediate storage of electronics, industrial packaging of combustible powders and business machines, consumer electronics and appliances.

Halogen-free Ciba® MELAPUR® 200 works synergistically with a variety of other flame retardants. With its excellent thermal stability and retention of the electrical properties of polymer, MELAPUR® 200 allows formulators to design halogen-free flame retardant packages that meet the highest performance standards for electrical and electronic applications for power distribution and similar applications.

Ciba® IRGAGUARD® B 5000/B 6000/B 7000 inorganic silver-based antimicrobials provide highly effective protection against algae, bacteria and fungi, helping to reduce deterioration of plastic products due to premature degradation, odor, discoloration and staining.

Color & Appeal

Designed to add Color & Appeal to plastics, Ciba® XYMARA Nordic™ is a new range of novel effect pigments suitable for packaging, household and leisure goods, and more. XYMARA Nordic™ provides novel styling options and allows the creation of unique new shades and designs, lending brilliance, sparkle and glitter, and increasing transparency or emphasizing opacity, as required.

In addition to Ciba® XYMARA Nordic™ effect pigments, a new-generation diketo-pyrrolo-pyrrole pigment, Ciba® CROMOPHTAL® DPP Red TFP, is the “hot” new red particularly recommended for polyolefin packaging and PVC applications. With its high transparency, brilliance and color strength, CROMOPHTAL® DPP Red TFP can be combined with effect pigments for colorful glitter and gleam or with a special clarifier from Ciba for attractive transparent shades in polypropylene applications.

Processing Efficiency

A new range of pigment preparations that enhance Processing Efficiency, Ciba® MICROLEN® MP, supplied as low-dusting, free-flowing micro-granules, provide an alternative to powder pigments, setting new standards in terms of bulk yield, easy handling, hygienic working conditions and consistent results as well as accelerating formulating processes.

Also improving Processing Efficiency, Ciba® XYMARA® MC mono-concentrate effect pigments for polyolefins combine the advantages of dust-free processing with a range of shimmering pearlescent effects.

Extended services and support

In addition to new products and efficient processes, Ciba has extended the choice of Services & Technical Support it offers customers in Asia with the industry's only regional technical center in this vibrant region. The recently introduced Plastics Techline service, which provides information on products and applications, is an excellent example of the company's commitment to providing practical solutions that add value for customers. At ChinaPlas, Ciba will be showing how it assists customers in meeting the various increasingly stringent regulations, for example by providing expert advice on Environment, Health & Safety and other regulatory matters, including FDA listing and REACH, and helping to ensure regulatory compliance during manufacture, handling and use as well as to enhance consumer safety.

Commitment to Asia and China

With the first chemical commissioning of Ciba's largest investment in Asia to date, scheduled to begin in April 2008, Ciba reinforces its commitment to the Asian market. Ciba's new plant in Singapore will ensure the continuous supply of antioxidants to the fast-expanding polymer industry in Asia and the Middle East. With world-class supply points for antioxidants in Singapore and Shanghai, Ciba is well positioned to serve the demands of the industry in these key markets.

Also reinforcing Ciba's presence in China is a new high-performance pigment plant in Nanjing scheduled for commissioning in 2008.

Ciba's presence in the Asia-Pacific region is further strengthened by a pool of professionals and experts, providing customers with one single entry point for obtaining high-quality products and extensive industry expertise. The first chemical company to set up a regional technical center based in China, Ciba is at the forefront when it comes to offering technical expertise to China and beyond, thus helping to deliver additional value to the industry and the consumer.

Ciba (SWX: CIBN) is a leading global company dedicated to producing high-value effects for its customers' products. We strive to be the partner of choice for our customers, offering them innovative products and one-stop expert service. We create effects that improve the quality of life – adding performance, protection, color and strength to plastics, paper, automobiles, buildings, home and personal care products and much more. Ciba is active in more than 120 countries around the world and is committed to being a leader in its chosen markets. In 2007, the Company generated sales of CHF 6.5 billion from continued operations and invested over CHF 260 million in R&D.

Virtual news kit: <http://www.ciba.com/china>

- ***Press release***
- ***Photos (JPG): high resolution photos can be downloaded from Ciba's website, or contact us directly***



Ciba® XYMARA Nordic™ effect pigments, the new way to SPARKLE the products



Ciba provides colorant and additive solutions to outdoor plastic to ensure that the stadium seats can endure for generations.



Ciba's new plant in Singapore will ensure the continuous supply of antioxidants to the fast-expanding polymer industry in Asia and the Middle East.

Media briefing takes place on April 17, 2008 during 15:30-17:00 at Pudong Renaissance Hotel

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