

Press Release

BYK with new solutions at the Asia Pacific Coatings Show

Wesel, June 24, 2008. – At this year's APCS in Kuala Lumpur from June 24 to June 26, BYK will be presenting innovative solutions. One focus will be on BYK's rheology additives and NANOBYK® UV absorbers.

New liquid rheology additives

With BYK®-430, BYK provides a highly effective, easy-to-handle rheology additive especially suited for solvent-borne epoxy primers and high-build coatings with dry film thickness from 300 µm to 1000 µm. BYK®-430, supplied as a liquid, needs only one step for incorporation. Even at low temperatures and low shear incorporation, it shows a strong rheology effect. An excellent improvement of sag control is guaranteed due to fast viscosity recovery after shear thinning during application. Post-addition is possible for final viscosity adjustment.

BYK®-431 is also supplied as a liquid and has comparable advantages to BYK®-430, though it can be used in more systems of varying polarity. This makes it the perfect choice for automotive, industrial and architectural coatings as well as pigment concentrates.

First rheology modifying wax additive

BYK developed a totally new wax emulsion controlling the rheology of effect pigment coatings that consequently delivered excellent optical performance. The action of AQUATIX 8421 is so powerful that no extra rheology modifier is needed. At the same time, AQUATIX 8421 reduces cloudiness and mottling, is liquid and easy to use.

UV-protection with nanotechnology

BYK enlarged its product portfolio with new NANOBYK® additives for aqueous and solvent-borne coatings.

NANOBYK®-3821 and NANOBYK®-3841 are UV absorbers containing ZnO particles of 20 nm and 40 nm respectively. The solvent in both additives is methoxypropylacetate. Main application fields are wood, furniture and industrial coatings. NANOBYK®-3842 is made with 40 nm ZnO particles diluted in aliphatic hydrocarbons and is therefore suitable for wood care applications.

NANOBYK®-3810 and NANOBYK®-3812 are the first cerium oxide nanoparticle dispersions under the BYK brand. NANOBYK®-3810 and NANOBYK®-3812 are recommended for wood-care applications. NANOBYK®-3810 is used in aqueous systems while NANOBYK®-3812 is the right additive for solvent-borne systems.

About BYK Additives & Instruments:

BYK Additives & Instruments is one of the world's leading suppliers in the additives and instruments sector. Approximately 85% of our sales are generated by foreign countries. Our major export markets are Europe, the United States and the Far East.

Additives are used by processing industries in the production of coatings, inks, plastics and papers. In very small quantities, BYK additives simplify manufacturing processes, and significantly improve the quality of finished goods, such as motor vehicles and furniture.

BYK Instruments can quantify the quality of color and gloss and the physical properties of paint, plastic and paper products. Instruments from BYK are predominantly used for quality control.

BYK Additives & Instruments is a member of ALTANA, Wesel. ALTANA develops and produces high-quality, innovative products in the sector of specialty chemicals.

BYK Additives & Instruments employs around 1,140 people worldwide, 25% of whom work in research and development departments or technical laboratories.

This press release is also available on the internet at: www.byk.com/press_releases.

Date
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Page
1/1

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