

Dear Customer,

The world of carbon nanotubes is moving forward with astonishing speed. This Newsletter aims to keep you informed about some of the latest developments in this field that we consider noteworthy.

PRODUCT NEWS

Breakthrough in water-based dispersions

Carbon nanotubes (CNTs) as mono-dispersed additives for industrial applications? Production of aqueous suspensions containing CNTs is now possible at a mono-dispersed (tubular) level thanks to a new dispersing technology for Baytubes®, developed using a patented zwitterionic surfactant. Find out more at www.baytubes.com

INDUSTRY & UNIVERSITY NEWS



Reinforced concrete canoes

The use of Baytubes® in reinforced concrete was tested at the German Concrete Canoe Championships where two competing canoes were made entirely of CNT-based ultra-high-performance concrete. Lightweight construction materials containing Baytubes® open up new opportunities, not only in architecture. Discover more about possible applications at http://www.innocnt.de/download/CNT_CarboBau.pdf

Double percolation effect in polymer blends

The incorporation of Baytubes® in two-phase polymer blends such as Bayblend® (PC+ABS) significantly reduces the percolation limit, making electrical conductivity possible at a lower CNT loading. Even when the CNTs are pre-dispersed in a first mixing step in ABS, all the tubes are transferred into the PC phase during rapid blending with PC. For more details see <http://www3.interscience.wiley.com/cgi-bin/fulltext/121510547/pdfstart>

PEOPLE AND PLACES

See you in Tokyo at nano tech 2010

Make a note of the dates right now: February 17-19. We look forward to welcoming you in the German Pavilion at the Tokyo Big Sight: East Hall 6, Booth F-14-7, presenting applications and answering your questions.

Additional information: <http://www.nanotechexpo.jp/en/>

From APAC to CNT



Visit our Booth at nano tech 2010 and you can meet Dr. Raul Pires, who took over from Martin Schmid as Head of Carbon Nanotubes & Nanoproducts at Bayer MaterialScience on 1 September 2009.

Dr. Pires certainly knows the Asia Pacific market since he was previously Head of the Asia Pacific Business Development Group of our Coatings, Adhesives and Specialties Business Unit and based in Shanghai.

If you have any questions or need further information please don't hesitate to get in touch:

E-mail: Baytubes@bayerbms.com

Phone: + 49 - 214 - 30 21055

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