

ID card product portfolio now available worldwide

## SUKANO® Masterbatches and Compounds for ID card technology

Users of plastic ID cards expect to be able to rely everywhere and at all times on their cards - and that means that they should work and above all, be secure. After working several years closely together with German leader in security systems, Giesecke & Devrient, Sukano has developed an extensive range of masterbatches and

compounds. These products make a major contribution to the security, reliability and durability of magnetic stripe and chip cards. Developed for ID card films, these products are now available to all companies, who intend to produce high quality polyester films for lamination of demanding and multifunctional applications. Some of the

- SUKANO® laser masterbatches allow durable and easy-to-read personalized security features
- SUKANO® impact modifiers prevent cracking of the film surface during embossing, and extend the practical life of the card
- SUKANO® white and color masterbatches ensure a high degree of opacity, good printability and durable colors
- SUKANO® mold release agents facilitate the removal of the card after lamination
- SUKANO® matting agents provide the desired surface roughness for films produced by using chill-roll technology



### SUKANO® products for ID cards

- Laser Masterbatches
- Impact modifiers
- White Masterbatches
- Color Masterbatches
- Matting agents

### Sukano - the company

"Sukano Creative Solutions" means value-added applications, characterised by innovative research and development, individuality and versatility.

Sukano is a company with its origins firmly rooted in the development of functional masterbatches, so that today the Sukano team has built up a high level of technical expertise, still focused in particular on functional and optical enhancing products, complemented by a wide range of colors.

most important requirements of card manufacturers are, that the cards have the durability to last up to 10 years (or more) and that they at the same time are cost-effective to produce. To meet these requirements Sukano offers not only high-performance products but also full technical support. Sukano technicians are available to help in optimising the film extrusion process, including offering the converter practical help and guidance.


 Daniel Ganz  
 Market Manager

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## EVENTS

### Biopolymers in Film Applications

Sukano Presentation  
 March 5 - 6, 2008  
 Würzburg, Germany

### 2nd Bioplastic Markets

Sukano Presentation  
 April 16 - 17, 2008  
 Shanghai, China

### Chinaplas 2008

Sukano Booth  
 April 17 - 20, 2008  
 Shanghai, China

### EcolnnovAsia 2008

Sukano Presentation  
 October 2 - 5, 2008  
 Bangkok, Thailand

### Innovation Takes Root 2008

Sukano Presentation  
 November 16 - 18, 2008  
 Las Vegas, USA

### Sukano Bhd. Malaysia

Start-up manufacturing for Asia Pacific  
 November 2008  
 Johor Bahru, Malaysia

### Ausplas, Melbourne

Sukano at booth of Multichem  
 October 7 - 10, 2008  
 Melbourne, Australia