

"Green" packaging for electronic components

## Transparent antistatic masterbatch for PLA

Even electronic components can be attractively packaged in compostable plastic - at least if Sukano's transparent antistatic polylactic acid (PLA) masterbatch is used.

The highly transparent materials compare well, both technically and economically, with conventional alternatives and have the added advantage of being biodegradable.

surface resistivity and so prevents the build-up of static charge on films, sheets and injection-molded parts. The packaging attracts less dust and the risk of damaging any sensitive components by electrical discharges, is minimized.

Using 4 - 6% (mono) and 5 - 7% (outer layer of laminated films) of SUKANO® PLA as S546 in combination with 2%



And to be sure that the product in the pack is not only presented in an environmentally friendly and attractive way, but also securely protected, Sukano calls once again on its experienced research team: SUKANO® PLA as S546 transparent antistatic masterbatch significantly reduces the

SUKANO® PLA dc S511 slip/antiblock masterbatch, a surface resistivity of  $10^{11} \Omega$  was measured and any electrostatic charge was dissipated after a few seconds. In order for the plastics processors to achieve optimum performance for each application, Sukano offers a

### SUKANO® PLA as S546

- Antistatic function
- Biodegradable
- Perfectly transparent
- Dosage in outer layer: 5 - 7%
- Dosage in mono layer: 4 - 6%
- Surface resistivity:  $10^{11} \Omega$

### 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.

wide range of functional and visually enhancing masterbatches and compounds for PLA. These include the recently launched and very successful impact modifier SUKANO® PLA im S550, plus slip/antiblock, UV and color masterbatches, to mention just a few. All Sukano PLA masterbatches are biodegradable and the majority of them are approved for food contact. They can also be supplied in combinations, i.e. as special tailor-made masterbatches to provide processors with an ideal performance.

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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

### EcolInnovAsia 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