



## ***Press report***

### **Safe storage and transport of electronic goods**

#### **BITO launches plastic containers which lead off electrostatic charges**

Computer chips, parts and components for the production and repair of mobiles, sensors – electronic components demand special attention during storage and transport. On account of their sensitiveness to electrostatic charging, these components need to be stored and transported in containers which are able to lead off electrostatic charges. BITO's new container range from dissipative polypropylene provides the right conditions for such products.

Up to now, sensitive components have been transported in bins and containers from conductive PVC. Conductivity is obtained by adding carbon to the container material with originally isolating properties. "The disadvantage is that due to the containers' good conductivity, electrostatic charges could possibly be dissipated too fast which also damages the components", explains Peter Kerth, product manager for plastic bins and containers at BITO-Lagertechnik Bittmann GmbH. "Moreover, the containers could not be supplied in customer specific colours, but only in black due to the carbon proportion." In addition, this container type is only conditionally suited for cleaning in automated washing facilities.

BITO rose to these challenges. The storage specialist has developed a container from so-called dissipative PVC for slow and controlled discharging which protects the stored components from damage. "It is not that easy to process dissipative polypropylene", says Peter Kerth. "It took us a while to do a series of tests." With good success: At the CeMAT 2005, BITO was able to present a sample of their »XL« and their »KLT« container series made from dissipative polypropylene. "The containers have the advantage that sensitive electronic goods can be transported with more safety. And due to the innovative material, we are also able to manufacture the containers in other colours than black", explains Kerth. With their new development, BITO provides safe storage and transport conditions while meeting customer requests for containers in various colours.



### **BITO containers from dissipative polypropylene**

Dissipative polypropylene permits slow and controlled discharging and is therefore ideal for the safe transport of components which are likely to build up electrostatic charges. In addition, BITO supplies product carriers from dissipative material for workpiece holders.

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