

# GBantistatic

## Antistatic coating

*NanoTechnology  
for excellent surfaces*



In many areas of industrial manufacturing as well as households, static charges are quite frequently a source of damage and contamination. The innovative nano coating **GBantistatic** protects surfaces made of plastic or glass against electrostatic charge.

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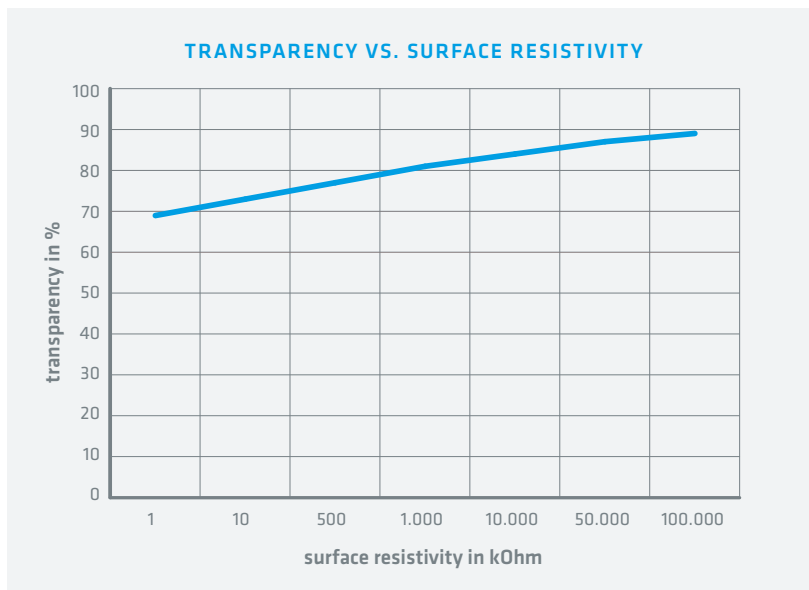
## Antistatic coating

### SUBSTRATES

- » **plastics** (polycarbonate, ethylene tetrafluoroethylene or polycarbonate films)
- » **glass** (borosilicate glass, soda-lime glass, quartz glass a.s.o.)

### PROPERTIES

- » **prevention of electrostatic charging on surfaces** (according to DIN EN 6079-32-2)
- » **specific surface resistance R = 100 kΩ ... 100 GΩ** (according to DIN EN 60093:1993-12)
- » **transparency > 80 %; individually coloured on request**
- » **maximum temperature load: 260 °C**
- » **combinable with antimicrobial (SANPURE®) and/or hydrophobic features**
- » **film thickness from 150 up to 1.500 nm**
- » **no change in haptic quality of substrate**
- » **scratch-resistant** (scratch hardness according to DIN EN ISO 1518 up to 20 N; pencil hardness according to DIN EN ISO 15184 up to 10 H)
- » **abrasive hardness** (cross-cut test according to DIN EN ISO 2409)
- » **chemical-proof to customary detergents and disinfection methods**
- » **mechanically flexible**



### TECHNOLOGY

- » **dip coating or spraying**
- » **application process is defined individually according to geometry and requirements of the substrate**

### COATING

- » **certified according to REACH and RoHS**
- » **certified according to ISO 9001:2015; processes comply with IATF 16949**
- » **environmental management conforms to ISO 14001**



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