

## PRODUCT CATALOGUE



### ANTISTATIC CLASSIFICATION

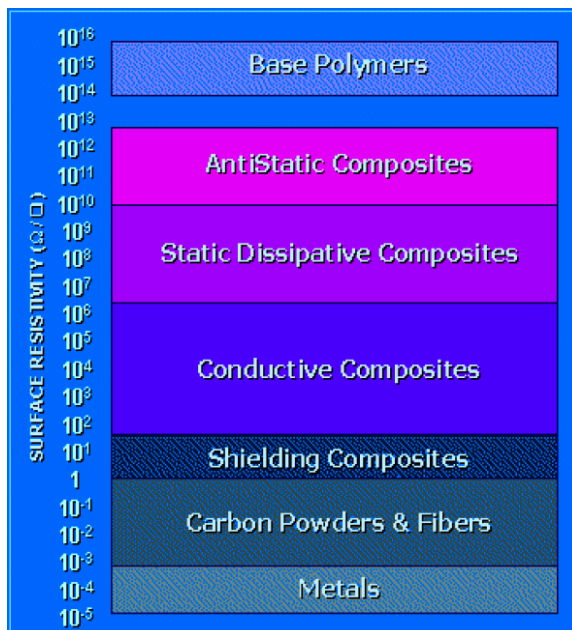
One of the drawbacks of most thermoplastic materials is the possible electrical charge of the surface. As an example it is possible to charge a surface by simply blowing an air stream over the surface. The charging may result in surface build-up of dust and dirt, with a risk of creating sparks.

Electrical charging may be reduced or at the best avoided by:

- high moisture content (>65%)
- ionisation of the air
- adding additives

Additives such as carbon black are an effective way to obtain a permanent antistatic effect. For higher effects other types of additives are used.

#### Classification:



Special range of polymers that fulfils the demands for antistatic behavior.

| Kl. | Level                              | Type         | PK code |
|-----|------------------------------------|--------------|---------|
| CON | max. $10^6 \Omega \cdot \text{cm}$ | PA 12 AN     | PA13    |
|     | max. $10^6 \Omega \cdot \text{cm}$ | PA 12 HA DIS | -       |
|     | max. $10^5 \Omega \cdot \text{cm}$ | HDPE CON     | PE11    |
|     | max. $10^3 \Omega \cdot \text{cm}$ | PP CON       | PP07    |