## **Technical Information**

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Part No.: 3210.1x



# **CARBOSTAT<sup>®</sup> Bags**

(Part No.: 3210.1x)

- Made of volume conductive, carbon loaded Polyethylene film
- Material classification according to IEC 61340-5-3:
  - Surface conductive
  - Volume conductive
- ESD classification symbol: •
- Heat sealable
- Standard print: Product name, ESD symbol, recycling symbol and lot no.
- Colour: Black
- Recyclable



Wolfgang Warmbier

## Mechanical properties:

Film thickness	80 µm
Density	1.020 g/cm³
Elongation of brake according to DIN 527-3 MD % / TD %	410 / 490
Tensile strength according to DIN 527-3 MD N / TD N	21 / 23
Dart-Drop according to DIN ASTM D 1709-98	200 g

## Product gualification according to IEC 61340-5-3:

	Test method	Limits	Typical values
Surface resistance Rs	IEC 61340-2-3	Rs < 1 x 10 <sup>4</sup> Ω	< 10 <sup>4</sup> Ω
Volume resistance R <sub>V</sub>	IEC 61340-2-3	Rv < 1 x 10 <sup>4</sup> Ω	< 10 <sup>4</sup> Ω
Environmental conditions: $12 \pm 3$ % RH and $23 \pm 2$ °C (conditioning > 48 hours)			

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