



Warmbier ESD DP-STAT® Storage bins – dissipative Article n. 5321.xx

- Charged objects, stored in the transport systems, can be safely discharged through the grounded storage area.
- Long-lasting electrostatically conductive Polypropylene.
- Made of Polypropylene with an IDP (Inherently Dissipative Polymer) with permanent dissipative properties.
- Humidity independent.
- Complies with IEC 61340-5-1
- Stackable
- Colour: red, yellow
- Print: ESD symbol, Recycling symbol and Lot No.
- Recyclable

Properties:

| | | |
|--|--------------------------------------|-----------------|
| Basic material | Polypropylene | |
| Dissipative additive | IDP – Inherently Dissipative Polymer | |
| | Typical values | Standard |
| Thermal properties | | |
| Deflection temperature (at 0,45 N/mm ² load) | 90 °C | ASTM D-648 |
| Max. service temperature | 80 °C | - |
| Flammability | Same as normal Polypropylene (PP) | |

Electrical properties:

| | Test method | Limits | Typical values |
|--|--------------------------------------|--|-------------------------|
| Resistance between two surface points R _p | DIN EN 61340-2-3 | $1 \times 10^5 \leq R_S < 1 \times 10^{11} \Omega$ DIN EN 61340-5-1 | $10^9 - 10^{10} \Omega$ |
| Charge decay (discharge time) | DIN EN 61340-5-1 DIN EN 61340-2-1 | < 2 sec. | < 2 sec. |