

# Static Dissipative Euro Stacking Containers

TECHNICAL DATASHEET

ELSD4317 / 4322 / 400 / 6412 / 6417 / 6422 / 6400

## Description

Static Dissipative Euro Stacking Containers are made from polypropylene with an IDP (Inherently Dissipative Polymer) with permanent dissipative properties. These containers are not dependent on humidity. They offer an alternative to the standard black colour and can be used to separate assemblies, piece parts or used to store rejects etc. The container features an ESD susceptible symbol which denotes components and sub-assemblies which are ESD susceptible. Internal dimensions are approximate.



Compliant according to IEC-61340-1-5 International Standard

## Features

- ⚡ Humidity independent.
- ⚡ Stackable.
- ⚡ Pallet modular size.
- ⚡ Available in red and yellow colours.
- ⚡ ESD symbol, recycling symbol and lot number printed on the side of container.
- ⚡ Recyclable.
- ⚡ Can be used to separate assemblies, piece parts or used to store rejects.
- ⚡ Alternative to the standard black colour.
- ⚡ Made from a permanent static dissipative polypropylene with an IDP.
- ⚡ CE, RoHS and REACH compliant.
- ⚡ Compliant according to IEC-61340-1-5 International Standard.

## Cleaning

Please check compatibility with mechanical cleaning system, when used.



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Properties	Typical Values
Basic Material	Polypropylene
Dissipative Additive	IDP – Inherently Dissipative Polymer
Thermal Properties	Deflection temperature (at 0,45 N/mm <sup>2</sup> load) Max. service temperature 90 °C 80 °C
Flammability	Same as normal Polypropylene (PP)

## Product qualification according to IEC 61340-5-1 Ed. 1.0 (2007-08):

Test Method	Limits and Typical Values
Surface Resistance	Rs IEC 61340-2-3 1 x 10 <sup>5</sup> ≤ RS < 1 x 10 <sup>11</sup> W 10 <sup>9</sup> - 10 <sup>10</sup> W
Environmental Conditions	12 ± 3% RH and 23 ± 2°C ( conditioning > 48 hours)

## Electrical Properties:

Test Method	Limits and Typical Values
Volume Resistance	RV IEC 61340-2-3 1 x 10 <sup>5</sup> ≤ RV < 1 x 10 <sup>11</sup> W 10 <sup>9</sup> - 10 <sup>10</sup> W

Product Code	Type	External Size	Internal Size
ELSD4317	Container	400 x 300 x 170mm	355 x 255 x 165mm
ELSD4322	Container	400 x 300 x 220mm	355 x 255 x 217mm
ELSD4300	Red Lid	400 x 300mm (with standard lid catch)	
ELSD6412	Container	600 x 400 x 120mm	555 x 355 x 115mm
ELSD6417	Container	600 x 400 x 170mm	555 x 355 x 165mm
ELSD6422	Container	600 x 400 x 220mm	555 x 355 x 215mm
ELSD6400	Red Lid	600 x 400mm (with standard lid catch)	

The above sizes are also available in yellow.

