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# ESD Vinyl Flooring Tiles
## (Conductive & Dissipative)

ESD vinyl flooring tile utilizes a conductive network electrostatically, which is formed by the interface of plastic particles. It ensures permanent conductive properties of ESD Vinyl Flooring. The main materials of ESD Vinyl Flooring are polyvinyl chloride resin, conductive materials, stabilizers, plasticizers, pigments, and other auxiliary materials. The pattern of a ESD Vinyl flooring tile resembles a marble pattern with a good decorative effect.


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## Characteristics

- Permanent conductive properties
- Excellent dimension stability
- More patterns for better decorative effect
- Improved ware and ease of maintenance
- Fireproof, waterproof and corrosion protection

## Application

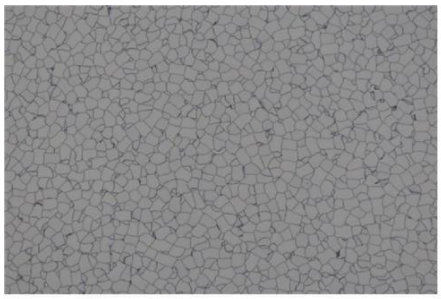
ESD flooring tile is widely used in clean room, manufacturing & assembly workshops of electronic products, hospitals, data center & computer room, and other areas that require anti-static or conductive environment.

## Our Competitiveness

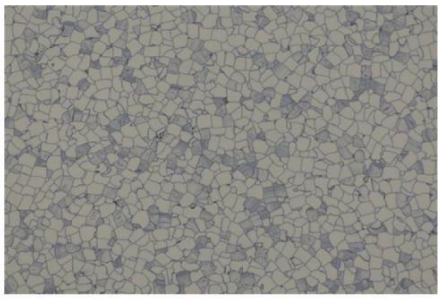
In China, Jinhai is the only ESD flooring tile manufacturer who use new generation of plasticizer DOTP. This plasticizer is suitable for contact of kids and food, does not contain benzene ring structure (such as phthalate).

We are using "RHPP" technology in production, This increases the density of the floor, and produce a wear-resistant and stain-resistant film that closes the pores of floor, so floor does not absorb dirt. After clean or maintenance, carbon fiber won't loss, it ensures the permanent conductive properties.

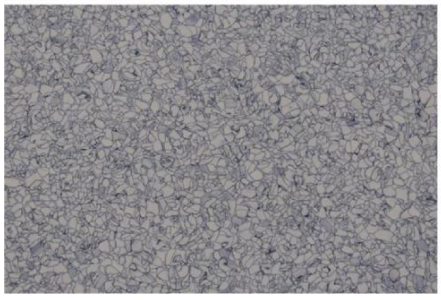
*Attached colors and patterns are our standard models. For more patterns and custom-made service, contact us.*



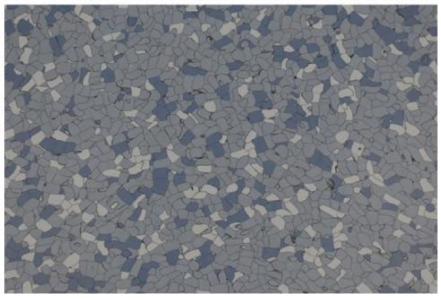
CS 601 White



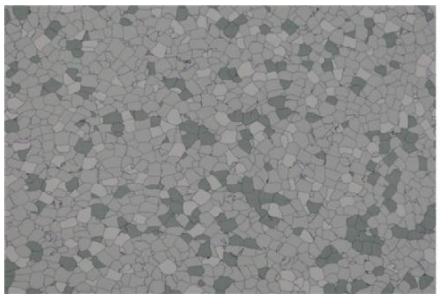
CS 8601 Grey Blue



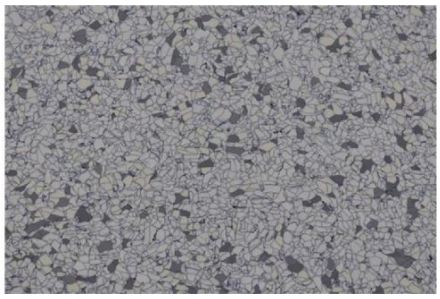
CS 617 Floral Light Blue



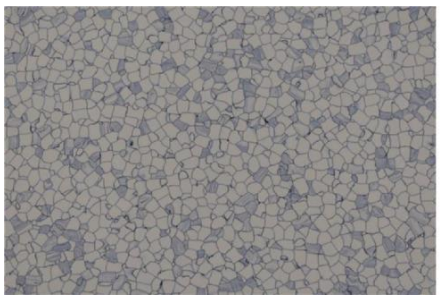
CS 8638B loral Blue



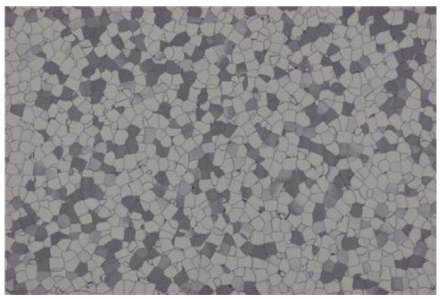
CS 8639B Floral Green



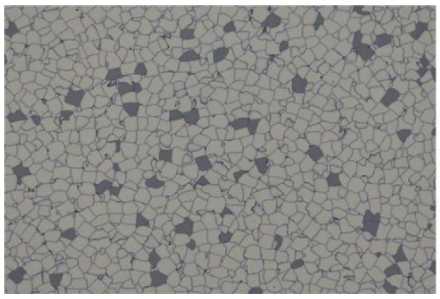
CS 603 Floral Grey



CS 611 Light Blue

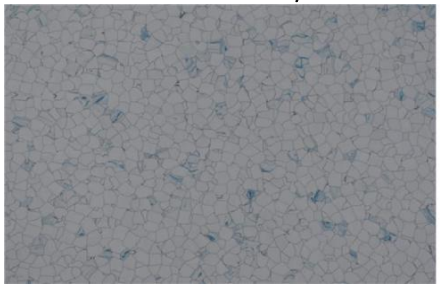


CS 602 White Grey

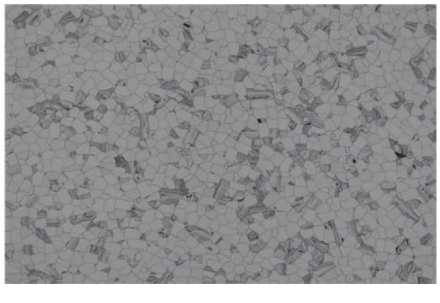


CS 606 Point Grey

CS 604 Dark Green



CS 615 Grey Blue



CS 616 Grey

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# ESD Tile Testing report

| Item No | Testing Item | | Standard Requirements | | Test Result |
|---|---|---|---|---|---|
| Size | 600x600x2.0mm | | | | |
| 1 | Point-to-point resistance | SJ/T 11236-2001<br>Conducting electrostatic type <1.0x $10^6\Omega$<br>electrostatic dissipative 1x$10^6$~1x$10^9\Omega$ | 5.54x$10^5\Omega$ | | Qualified |
| 2 | Volume resistance | SJ/T 11236-2001<br>Conducting electrostatic type <1.0x 106Ω<br>electrostatic dissipative 1x106~1x109Ω | 2.99x$10^5\Omega$ | | Qualified |
| 3 | Electrostatic voltage attenuation period | DJB 3007A-2009<br>（±1000~±100V）<br>≤2S | +V | -V | Qualified |
| | | | 0.2 | 0.3 | |
| 4 | abrasion value | SJ/T 11236-2001 | 0.014 | | Qualified |
| 5 | Fire resistance | SJ/T 11236-2001<br>FV-0 class≤10S | 8.6s | FV-0 | Qualified |
| 6 | Triboelectric voltage | SJ/T 10694-2006<br>\|U\| <100V | 70 | | Qualified |