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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.

environmentally
FRIENDLY

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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

Our OEM is the only 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).

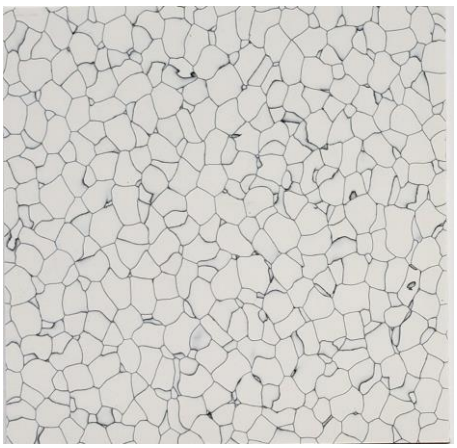
We are using “RHPP” technology in production, this increases the density of the floor, and produce a wear-resistant and stain-resistant film that closes the pores of floor, so floor does not absorb dirt. After cleaning or maintenance, carbon fiber won’t be lost, it ensures the permanent conductive properties.

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

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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 Conducting electrostatic type <1.0x $10^6\Omega$ electrostatic dissipative 1x10^6~1x$10^9\Omega$	5.54x$10^5\Omega$		Qualified
2	Volume resistance	SJ/T 11236-2001 Conducting electrostatic type <1.0x $10^6\Omega$ electrostatic dissipative 1x10^6~1x$10^9\Omega$	2.99x$10^5\Omega$		Qualified
3	Electrostatic voltage attenuation period	DJB 3007A-2009 （±1000~±100V） ≤2S	+V 0.2	-V 0.3	Qualified
4	abrasion value	SJ/T 11236-2001	0.014		Qualified
5	Fire resistance	SJ/T 11236-2001 FV-0 class≤10S	8.6s	FV-0	Qualified
6	Triboelectric voltage	SJ/T 10694-2006 |U| <100V	70		Qualified



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CS-721617



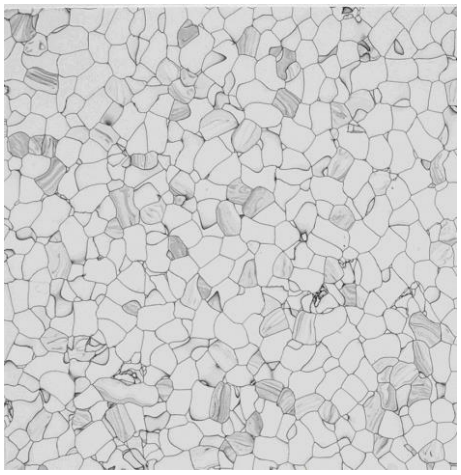
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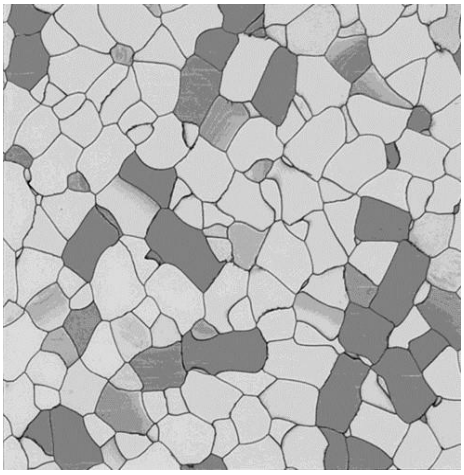
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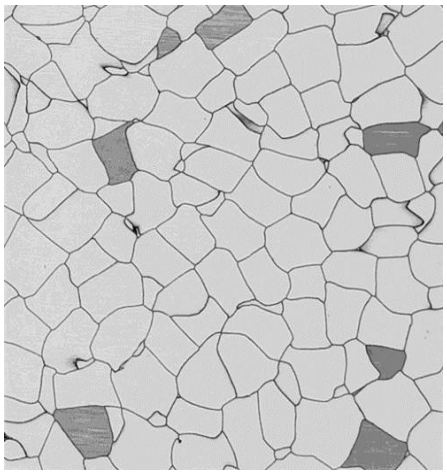
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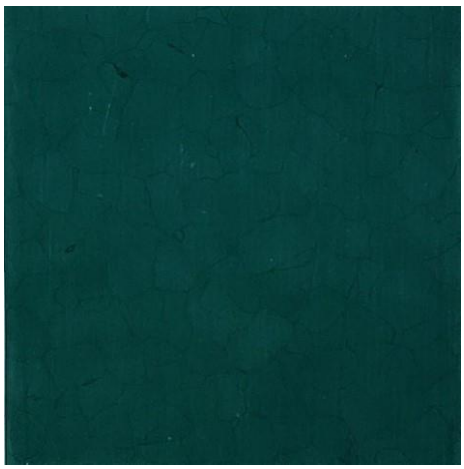
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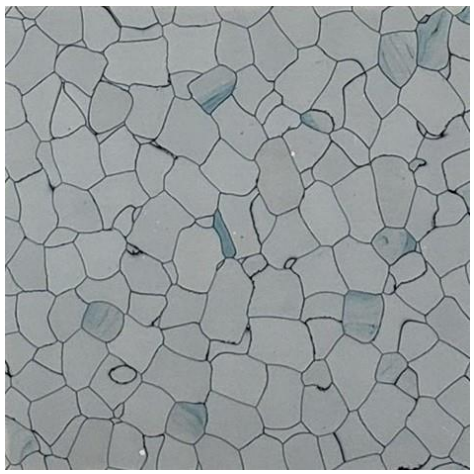
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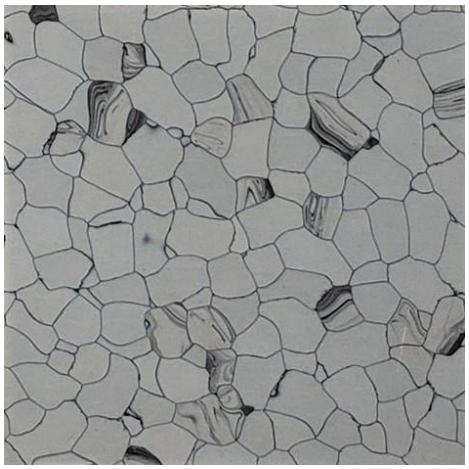
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