

Technical Data Sheet

Graphene Powder Coating P-SE30

P-SE30 is a solvent-free powder coating designed for thermal management and heat dissipation systems. It can be operated by traditional powder coating techniques and shows better performance than solvent based coatings.

Physical Property

- Appearance : Black powder
- Resin : Polyurethane / epoxy
- Volume Resistivity : $\geq 10^6 \Omega \cdot \text{cm}$
- Usage for coating : $\sim 4 \text{ m}^2/\text{kg}^*$

*Estimation based on plane structure and no guaranteed for irregular shape structure.

Recommended Operation Condition

- P-SE30 can be only applied on the electrically conductive substrate.
- Surface of substrate should be clean without any surface treatment.
- Recommended coating method : static powder coating
- Recommended thickness : 50 ~ 80 μm
- Curing condition : 10 minutes @ 200 °C
- Dilution of this product is NOT recommended.
- Please wear protective cloths as well as installing full ventilation during the operation.

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Safety Issue

- Products are intended for use in an industrial environment by trained personnel. Please follow proper health/safety processes regarding storage, handling and processing of the products. For Safety and Handling information pertaining to this product, refer to Safety Data Sheet (SDS).

Storage

- P-SE30 should be stored in a clean and dry environment at room temperature.
- Storage in high temperature ($>30^{\circ}\text{C}$) or freezers ($<0^{\circ}\text{C}$) is NOT recommended.

Package

- The standard package is 10KG/Bag. It could be customized according to customers' requirement.



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