



PRODUCTCODE:JC900-93667HG (PB1705A R2607)

PRODUCT INTRODUCTION:Thermosetting epoxy polyester powder coating forms a white glossy film (RAL 9016) upon curing, exhibiting excellent leveling properties, superior mechanical performance, and strong chemical corrosion resistance.

EXECUTIVE STANDARD:Q/QC 001-2023 《powder coating specification》

Scope of application: Suitable for indoor electrical appliances, radiators, cabinets, etc.

Powder Charact-eristics

Chemical type (main component)	Epoxy-polyester hybrid type
Density (g/cm ³):	1.60~1.70
Thermal curing mass loss:	<1%
Storage temperature :	<30°C
Warranty storage time:	12 month (shaded, light-proof)

Property of coating

ISO 2813:2014	Gloss (60°)	90±5%
ISO 1518:2004	Visual inspection of coating appearance	Even and uniform
ISO 15184:1998	Pencil hardness	≥H
ISO 6272-1:2017	Square impact	≥50kg.cm
ISO 2049:2022	Grid test	≤Level 1
ISO 1519:2021	Cylindrical bending	≤4mm
ISO 1520:2021	Cupping test	≥5mm
ISO 9227:2017	Neutral salt spray	240 Hours (single-sided line ≤2mm)
ISO 6270:2015	Humidity resistance	1000 hours

Warranty Statement: The Seller certifies that all coatings delivered to the Customer without opening the packaging meet the quality standards specified herein . As surface pretreatment, application, curing, and other factors affecting coating performance are beyond the Seller's control, the Seller shall not be liable for coating failure, except where defects in the coating itself are proven. The Customer shall first determine whether the product is suitable for their intended use and shall bear all associated risks and liabilities. For products used by the Customer, the Seller warrants all other express or implied warranties related to the application, including warranties of merchantability and fitness for other specific purposes.

JC200-Version#03

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Matters Need Attention

electrostatic spraying (cold spraying)

The voltage of electrostatic gun is determined according to the situation (40~90KV)

Spray primer: cold rolled sheet

Substrate thickness: 0.5mm

Curing conditions: 160°C*10min (substrate temperature time)

Coating thickness: 80-150 microns

Damage repair: Surface treatment: sandblasting and shot blasting for oil and dirt removal

Recoating mode: reduce the spraying voltage.

This is laboratory data for reference only

All metal substrates must undergo degreasing and degumming. For iron-based materials, zinc or iron-based phosphating is recommended, while aluminum should be treated with chromium-free processes to enhance corrosion resistance.

Safety Warning: Do not eat or smoke while using spray paint. Avoid inhaling dust. If ventilation and dust collection facilities are inadequate, wear a suitable respirator. For more information, request the Material Safety Data Sheet for specific products from Qichuang sales for reference.

ROHS

Qichuang has not incorporated any restricted substances under the European 2015/863 standard (RoHS) into its product series. The company has verified that all raw materials and information provided by its suppliers comply with RoHS requirements. The levels of hazardous substances—including lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (CrVI), polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDEs), di(2-ethylhexyl) phthalate (DEHP), benzyl phthalate (BBP), dibutyl phthalate (DBP), and diisobutyl phthalate (DIBP)—remain within permissible limits.

Manufacturer: Zhejiang Qi Innovation Material Technology Co., LTD

Address: No.999, Diting Road, Wuxing District, Huzhou City, Zhejiang Province

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Date of order: 2026-01-20
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