



## Transparent Iron Red Automotive Car Refinish Coating & Car Repair Paint

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: Car Charm
- Certification: ISO,MSDS,SGS
- Model Number: 128
- Minimum Order Quantity: 50L
- Price: 3USD/L-5USD/L
- Packaging Details: Carton, Iron canister
- Delivery Time: 10-15 Work Day
- Payment Terms: T/T
- Supply Ability: 500 boxes -1000 boxes per day



### Product Specification

- Gloss Retention: High
- Compatibility: Suitable For All Types Of Cars
- Application method: Spray
- Uv Resistant: Yes
- Quality: Excellent
- Package Size: 1LX12
- Formula App: Mekloncolormix
- Professional Quality: Provides Professional Quality Finish
- Water Resistance: Yes
- Odor: Low
- Manufacturer: Meklon
- Voccontent: Low VOC / Compliant With Environmental Standards
- Product Type: Automotive Paint
- Usage: Suitable For Automotive Body Repair And Refinishing



### More Images



## Product Description

### Transparent Iron Red Automotive Car Refinish Coating & Car Repair Paint

Premium 1K Acrylic Transparent Iron Red Car Refinish Paint. Features high clarity and pure iron red tinting effect, excellent weather UV resistance and strong adhesion. Fine atomization, good leveling, easy spraying for color mixing, blending and auto repair. Low VOC, eco-friendly and meets international standards.

- Premium 1K acrylic base: Excellent weather, UV and chemical resistance, strong adhesion, stable color performance, no fading or discoloration.
- Transparent Iron Red finish: High clarity transparent iron red shade, pure and rich tinting effect, excellent permeability, ideal for color mixing, gradient refinishing and color matching.
- Tough paint film: Good scratch and wear resistance, maintains long-lasting stable transparency and color saturation.
- Easy application: Good leveling, fine atomization, easy to spray, suitable for partial repair and automotive color blending.
- Low VOC eco-friendly: Complies with international environmental regulations, safe for professional automotive construction.



### Product Specifications

Paint Film Property	Scratch-resistant
HS Code	320820
Level	High
Certification	ISO4001, ISO9001, ISO16949
Substrate	Acrylic
Components	Pigment
Formation Mechanism	Non Conversion Type
Transport Package	Carton Box
Shelf life	3-5years
MOQ	50L
Carton Specification	45*33.5*13.8
Delivery	By sea



## Key Performance Features

### Excellent Adhesion

Ensures corrosion-resistant, long-lasting finishes on car surfaces while minimizing rework in collision repair applications.

### Strong Covering Power

High-performance automotive paint with primer-ready formula achieves flawless adhesion and durability on pre-treated metal surfaces using compatible epoxy primers.

### High Chroma Color

Ultra-high chroma automotive paint with Pantone®-validated color intensity delivers vibrant, fade-resistant finishes for custom cars and luxury restorations (ISO 105-A05 xenon test certified).

## Manufacturer Advantages

### Guangzhou Meklon Chemical Technology Co., Ltd

Guangzhou MEKLON Chemical Technology Co., Ltd. is a leading automotive chemical manufacturer specializing in paints, primers, and additives. With over 15 years of experience, it operates a 60,000 m<sup>2</sup> facility, adhering to ISO9001 and ISO14001 standards. The company provides high-quality, low VOC products and supports distributors with color formula software, mixing machines, and training.

- **Expert Engineering:** Our R&D team has developed unique advantages for red and green pearls including strong sparkle, high gloss, quality construction, and high temperature resistance
- **Global Reach:** Sales network covers more more than 65 countries with over 1,500 customers in China
- **Industry Partnerships:** Established relationships with well-known automobile manufacturers, shipbuilding, and machinery manufacturers
- **Professional Support:** Comprehensive technical support and timely after-sales service from order placement through completion
- **Custom Solutions:** Customized options available for special colors and effects to meet individual customer requirements

## The multi-dimensional manifestation of technical professionalism

2. **Resin and Curing System:** The technical team of the company has a profound understanding of the cross-linking reaction mechanism of acrylic resin and isocyanate curing agent. They can precisely control the drying speed of the paint film, as well as the balance between final hardness and flexibility. According to different climate regions, they have developed special formulations that are suitable for high humidity and heat, cold regions, and strong ultraviolet environments.
3. **Color Development Capability:** Leveraging a rich color master system and a professional color matching database, the company is able to quickly match the original factory colors of various vehicle models, meeting the strict color accuracy requirements of the repair market.
4. **Safety and Compliance Assurance:** All products are accurately classified in accordance with the United Nations GHS system and Chinese national standards (GB 30000 series). They come with complete safety data sheets (SDS) and compliant labels that meet the requirements of GB/T 16483 and GB 15258. During the transportation process, strict compliance with international dangerous goods regulations such as UN1263 (Class 3 Flammable Liquids) is followed. Each batch of exported products is entrusted to an authoritative institution to obtain the "Cargo Transportation Condition Appraisal Certificate" to ensure full chain safety and compliance from production to delivery.



## FAQ

**Q:**  
**Color Difference & Uneven Tone (Brownish / Too Light / Dull)**

**A:**

### Causes

Transparent Iron Red uses high-density iron oxide pigments that settle extremely fast; insufficient stirring causes uneven color distribution.

Slight differences in spray thickness lead to obvious shade changes—thinner coats appear lighter, thicker coats turn overly brownish.

Ultra-fast-drying thinner disrupts pigment arrangement and causes patchy color.

### Solutions

Stir the paint thoroughly for 3–5 minutes before use and stir occasionally during spraying.

Apply 2–3 thin even coats with consistent gun speed and 15–20cm distance.

Use medium-drying thinner; avoid ultra-fast-drying thinner.



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