

# Long Chain Chlorinated Paraffin (LCCP) TDS

## Re-Plastic Global

### TECHNICAL DATA SHEET (TDS)

#### Long Chain Chlorinated Paraffin (LCCP)

CAS No.: 85535-86-0

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#### 1. Product Introduction

Long Chain Chlorinated Paraffin (LCCP) is a chlorinated hydrocarbon plasticizer widely used in PVC processing and industrial applications. It offers good flame resistance, chemical stability, and low volatility.

LCCP is mainly used as a secondary plasticizer and flame-retardant additive in flexible PVC products, rubber compounds, and industrial materials.

LCCP plasticized products are widely used in:

- PVC cables and wires
  - Conveyor belts and rubber products
  - Industrial flooring materials
  - Sealants and adhesives
  - Flame-retardant PVC compounds
  - Lubricant and metalworking fluids (industrial use)
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#### 2. Product Specification

| Item              | Index                                |
|-------------------|--------------------------------------|
| Appearance        | Light yellow to amber viscous liquid |
| Chlorine Content  | 50 – 52 %                            |
| Density (20°C)    | 1.22 – 1.28 g/cm <sup>3</sup>        |
| Viscosity (25°C)  | 1500 – 3000 mPa · s                  |
| Acid Value        | ≤ 0.05 mgKOH/g                       |
| Free Chlorine     | ≤ 10 ppm                             |
| Color (APHA)      | ≤ 100                                |
| Thermal Stability | Stable                               |

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### 3. Packaging

- 200 kg steel drum: 16 MTS / 20GP (without pallet)
  - 1000 kg IBC drum: 20 MTS / 20GP
  - Flexitank: 23 MTS / 20GP
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### 4. Storage & Handling

Store in a cool, dry, and well-ventilated place.

Avoid direct sunlight and high temperature exposure.

Keep away from strong oxidizing agents.

The product is stable under normal industrial storage conditions.

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### 5. Manufacturer / Supplier Information

**Company:** Re-Plastic Global (Qingdao) Materials Recycling Co., Ltd.

**Email:** [info@replasticglobal.com](mailto:info@replasticglobal.com)

**WhatsApp:** +86 13562654386 / +1 818 962 9305

**Phone:** +86 13562654386 / +1 818 962 9305

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### 6. Disclaimer

The information provided in this Technical Data Sheet is based on our current knowledge and experience. It is intended to describe the product for general guidance only and does not constitute a guarantee of specific properties.