

Release Force Modifier

SK-LS7200P

Product Characteristics:

- Non-reactive silicone oil.
- Effectively reduces release force of silicone coatings.
- Excellent compatibility with various systems.

Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Colorless to faint yellow transparent liquid	Visual inspection
Viscosity (mPa·s /25°C)	1800 ± 500	GB/T 10247-2008
Refractive Index (25°C)	1.420~1.430	GB/T 6488
Volatile content (%)	≤7.0	150°C/3H, ambient drying

Typical Applications:

- Release additive for pressure-sensitive tapes/labels.
- Anti-adhesive packaging materials.

Usage Guidelines:

- Dosage: Adjust according to required release force (typical range: 0.5–5%).
- Mixing Procedure:
 - Step 1: Combine main release agent, SK-LS7200P, and diluent; mix thoroughly.
 - Step 2: Add crosslinker and anchoring agent sequentially; blend well.
 - Step 3: Incorporate catalyst, stir uniformly, and proceed to coating.

Packaging & Storage:

- Packaging: 5 kg/bucket or 20 kg/box.
- Storage: Store at room temperature in a dry, ventilated area (avoid moisture).
- Transport: Non-hazardous (non-flammable).

Safety & Environmental Notes:

- Wear appropriate protective gear when handling. Refer to the MSDS for details.
- Dispose of packaging in compliance with local solid waste regulations.

Notes:

- The information contained in this document is based on reliable data we have obtained. The content, product performance improvements, and product specifications may change without prior notice.
- The information provided in this document is based on our laboratory and practical experience and is for reference only. Since the conditions and methods of using this product are beyond our control, it is essential to conduct application tests and evaluations before use.
- Some performance parameters of the product can be adjusted according to customer requirements. If needed, please contact our technical department engineers.