

TERAOMIC-0160SP

Electrically Conductive Paste

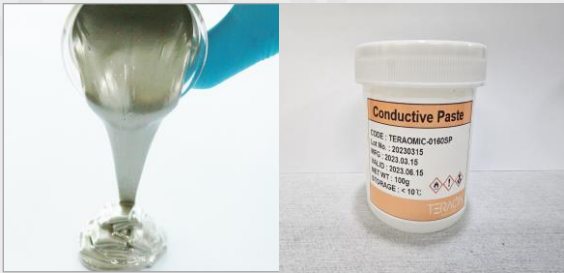
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- Teraomic-0160SP is a electrically conductive Ag Paste that can be dried quickly at 150°C temperatures for various applications, available at 150~200°C & 300°C
- Teraomic-0160SP has high adhesive strength after drying and has excellent performance in screen printing processes.
- These materials are resistant to temperature cycle & thermal shock that is suitable for requiring fast processing due to their high drying speed.
- This product has excellent reliability in various temperatures and humidity environments etc.

Product Properties

| Physical Properties | TRAOMIC-0160SP |
|--------------------------------|-------------------------------------|
| Chemical Type | Thermoplastic |
| Fillers | Gray Silver |
| Color | Light Gray |
| Material Properties | Spec |
| Process Temperature (°C) | 150°C ~ 200°C,300°C |
| Drying Condition | 0.5~1.0hr |
| Viscosity(cps)* | 25,000~35,000 |
| Thixotropic Index (5rpm/50rpm) | 1.0~2.0 |
| Volume Resistivity (Ω*cm) ** | < 3.0 x 10 ⁻⁵ |
| Adhesion (PI Film) | < 5B @ Cross cut test |
| Bending TEST (10R,50,000 pass) | Less than 10% (Sheet resistance) |

| Application Process | |
|---------------------|------------|
| Screen Printing | Yes |
| Material Properties | |
| Pot Life (at 25°C) | > 24 hours |
| Shelf Life | 6 Months |
| Storage Condition | Below 10°C |



Characteristics

*TOKI SANYO TVE-35 S:R97 at 25°C
**60min @ 250°C

- After drying, Good flexible performance
- Low resistance system
- Good Screen printing performance
- Good preservation safety
- High adhesive strength
(< 5B, Cross cut TEST , 150~200°C,300°C)

Applications

- Heating system for vehicle
- Low resistance for screen printing process
- Good adhesion for PI, PCT Film
- Good flexible electrode for 3D forming
- High-Temperature Stability

Note

- Do not open the pot before reaches room temperature to prevent the moisture condensation
- Do not return the used product to the container. We cannot guarantee product property.
- This Paste are package in pot per customer specification.
- Clean up : Ag paste may be cleaned from surfaces with ETOH, acetone, MEK. Etc.
: Always wash and dry thoroughly prior to re-use of the PI ,PCT, PET Film.