

## Parker Chomerics CHO-FLEX 602 Conductive Coating

Category : Polymer , Thermoset , Polyurethane, TS

### Material Notes:

CHO-FLEX™ 602 is a two-component silver-filled polyurethane coating designed for room temperature or oven cure. CHOFLEX™ 602 coating can be sprayed on large panels, cured at room temperature and coated with most military grade urethane or epoxy top coats. It can also be sprayed on most thermoplastic enclosures such as PPO, ABS, polystyrene and polycarbonate. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-FLEX-602-Conductive-Coating.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-FLEX-602-Conductive-Coating.php)

| Physical Properties | Metric    | English       | Comments |
|---------------------|-----------|---------------|----------|
| Density             | 2.10 g/cc | 0.0759 lb/in³ |          |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 107 °C   | 225 °F   |          |
| Minimum Service Temperature, Air | -54.0 °C | -65.2 °F |          |

| Electrical Properties          | Metric  | English                                       | Comments                         |
|--------------------------------|---|---|----------------------------------|
| Surface Resistivity per Square | <= 0.060 ohm                                  | <= 0.060 ohm                                  |                                  |
| Shielding Effectiveness        | 60 - 70 dB<br>@Frequency 1.00e+8 - 1.00e+9 Hz | 60 - 70 dB<br>@Frequency 1.00e+8 - 1.00e+9 Hz | on epoxy/glass or epoxy/graphite |

| Processing Properties | Metric                            | English                          | Comments |
|-----------------------|-----------------------------------|----------------------------------|----------|
| Cure Time             | 10100 min<br>@Temperature 25.0 °C | 168 hour<br>@Temperature 77.0 °F |          |
| Shelf Life            | 6.00 Month                        | 6.00 Month                       |          |

| Descriptive Properties | Value             | Comments                        |
|------------------------|-------------------|---------------------------------|
| Binder                 | Polyurethane      |                                 |
| Consistency            | Thixotropic Paste |                                 |
| Filler                 | Ag                |                                 |
| Mix Ratio              | 100:13            |                                 |
| Theoretical Coverage   | 4320 in² / lb     | Actual coverage will be 50-100% |

## Contact Songhan Plastic Technology Co.,Ltd.

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