

Abatron AboCoat 8401-1 A/B Silver-Filled Electrically Conductive Epoxy Compound

Category : Polymer , Thermoset , Epoxy , Epoxy, Electrically Conductive

Material Notes:

AboCoat 8401-1 A/B is a conventional highly-filled coating to produce conductive paths with the highest silver content possible. It requires strict controls. Resistivity may rise to 0.1 ohm/sq under unfavorable mixing, application, and atmospheric conditions.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCoat-8401-1-AB-Silver-Filled-Electrically-Conductive-Epoxy-Compound.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------|---------|----------|
| Solids Content | 81.5 % | 81.5 % | |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|--------|---------|----------|
| Maximum Service Temperature, Air | 120 °C | 248 °F | |

| Electrical Properties | Metric | English | Comments |
|--------------------------------|--------------|--------------|----------|
| Surface Resistivity per Square | <= 0.010 ohm | <= 0.010 ohm | |

| Processing Properties | Metric | English | Comments |
|-----------------------|-----------------------------|-----------------------------|----------|
| Cure Time | 30.0 - 180 min | 0.500 - 3.00 hour | Optional |
| | @Temperature 50.0 - 100 °C | @Temperature 122 - 212 °F | |
| Pot Life | >= 1440 min | >= 24.0 hour | |
| | @Temperature 22.0 - 30.0 °C | @Temperature 71.6 - 86.0 °F | |
| Pot Life | 3000 min | 3000 min | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|-----------------|
| Color | Gray | |
| Metal (%) | 95.7 | of vehicle |
| Parts by Weight (pbw) | 100 | Part A Resin |
| | 5 | Part B Hardener |
| Viscosity | Low | |

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