

Ad-Tech Epoxy ESG-215

Epoxy; Epoxide

Ad-Tech Plastic Systems Corp.

Message:

Ad-Tech Epoxy ESG-215 is an Epoxy; Epoxide (Epoxy) product. It can be processed by coating and is available in North America. Applications of Ad-Tech Epoxy ESG-215 include aerospace, coating applications, repairing material and tools.

Characteristics include:

Good Adhesion

Heat Resistant

Lubricated

| General Information | | | |
|---|---------------------------|-------------------|-------------|
| Additive | Graphite Powder Lubricant | | |
| Features | Good Adhesion | | |
| | Good Thermal Stability | | |
| | Lubricated | | |
| | Non-MDA Cured | | |
| Uses | Aerospace Applications | | |
| | Aircraft Applications | | |
| | Coating Applications | | |
| | Molds/Dies/Tools | | |
| | Repairing Material | | |
| Forms | Paste | | |
| Processing Method | Coating | | |
| Physical | Nominal Value | Unit | Test Method |
| Apparent Density | 1.20 | g/cm ³ | ASTM D1895 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 80 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Flexural Strength (Yield) | 250 | MPa | ASTM D790 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 196 | °C | ASTM D648 |
| CLTE - Flow | 4.5E-5 | cm/cm/°C | ASTM D696 |
| Thermoset | Nominal Value | Unit | |
| Thermoset Components | | | |
| Hardener | Mix Ratio by Weight: 14 | | |
| Resin | Mix Ratio by Weight: 100 | | |
| Pot Life (25°C) | 20 to 25 | min | |
| Demold Time (23°C) | 120 to 240 | min | |

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