

# Sumiliteresin® EX-1101

Epoxy; Epoxide  
SBHPP

Message:

Epoxy coating powder for motor  
Application : Slot insulation  
Advantage : Adhesion on metal, Thin coating, Storage stability

| General Information              |                     |          |             |
|----------------------------------|---------------------|----------|-------------|
| Uses                             | Insulating material |          |             |
|                                  | Coating application |          |             |
| UL File Number                   | 98667               |          |             |
| Appearance                       | Green               |          |             |
| Forms                            | Powder              |          |             |
| Hardness                         | Nominal Value       |          |             |
| Barcol Hardness                  | 73                  |          |             |
| Thermal                          | Nominal Value       | Unit     | Test Method |
| Glass Transition Temperature     | 124                 | °C       | TMA         |
| CLTE - Flow                      | 5.0E-5              | cm/cm/°C | TMA         |
| Additional Information           | Nominal Value       | Unit     |             |
| DuPont Impact Strength (3.18 mm) | 450                 | mm       |             |
| Uncured Properties               | Nominal Value       | Unit     |             |
| Curing Time (200°C)              | 0.33                | hr       |             |
| Cured Properties                 | Nominal Value       | Unit     |             |
| Volume Resistivity (25°C)        | 1.0E+15             | ohms·cm  |             |
| Breakdown Voltage (0.300 mm)     | 18                  | kV/mm    |             |

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