

# Ablebond 967-1

Epoxy; Epoxide  
Henkel Ablestik

## Message:

ABLEBOND® 967-1™ adhesive is designed for applications which require lower-than-normal cure temperatures. It is ideal for application by automatic dispenser, screen printing, or hand probe.

| General Information                              |                         |           |
|--------------------------------------------------|-------------------------|-----------|
| Filler / Reinforcement                           | Silver                  |           |
| Features                                         | Electrically Conductive |           |
| Uses                                             | Adhesives               |           |
|                                                  | Screen Printing         |           |
| Appearance                                       | Silver                  |           |
| Forms                                            | Paste                   |           |
| Thermal                                          | Nominal Value           | Unit      |
| Glass Transition Temperature                     |                         |           |
| -- 1                                             | 75.0                    | °C        |
| -- 2                                             | 110                     | °C        |
| -- 3                                             | 135                     | °C        |
| -- 4                                             | 145                     | °C        |
| Electrical                                       | Nominal Value           | Unit      |
| Volume Resistivity                               |                         |           |
| -- 5                                             | 5.0E-4                  | ohms · cm |
| -- 6                                             | 2.0E-4                  | ohms · cm |
| -- 7                                             | 0.015                   | ohms · cm |
| -- 8                                             | 2.0E-3                  | ohms · cm |
| Thermoset                                        | Nominal Value           | Unit      |
| Thermoset Components (Resin)                     |                         |           |
| Shelf Life                                       |                         |           |
| -40°C <sup>9</sup>                               | 52                      | wk        |
| 25°C <sup>10</sup>                               | 26                      | wk        |
| Post Cure Time                                   |                         |           |
| 65°C                                             | 6.0                     | hr        |
| 80°C                                             | 2.0                     | hr        |
| 120°C                                            | 0.50                    | hr        |
| 150°C                                            | 0.25                    | hr        |
| Fill Analysis                                    | Nominal Value           | Unit      |
| Brookfield Viscosity - CP51 (25°C) <sup>11</sup> | 14.0                    | Pa · s    |
| Ionic Chloride (100°C)                           | 75                      | ppm       |

|                                 |               |     |
|---------------------------------|---------------|-----|
| Ionic Potassium (100°C)         | None detected |     |
| Ionic Sodium (100°C)            | 5             | ppm |
| Lap Shear - Al to Al (25°C)     | 8.27          | MPa |
| Mixing Ratio - Part A:Part B    | 1:1           |     |
| Shear Strength - Die (Au to Au) |               |     |
| 25°C <sup>12</sup>              | 30.0          | MPa |
| 25°C <sup>13</sup>              | 30.3          | MPa |
| 25°C <sup>14</sup>              | 22.8          | MPa |
| 25°C <sup>15</sup>              | 33.8          | MPa |
| Weight Loss on Heating (300°C)  | 0.52          | %   |

#### NOTE

|     |                                                        |
|-----|--------------------------------------------------------|
| 1.  | Cured at the Recommended Cure Schedule                 |
| 2.  | Cured at the Alternative Cure Schedule 1               |
| 3.  | Cured at the Alternative Cure Schedule 2               |
| 4.  | Cured at the Alternative Cure Schedule 3               |
| 5.  | Cured at the Alternative Cure Schedule 2               |
| 6.  | Cured at the Alternative Cure Schedule 3               |
| 7.  | Cured at the Recommended Cure Schedule                 |
| 8.  | Cured at the Alternative Cure Schedule 1               |
| 9.  | Premixed & Frozen                                      |
| 10. | In kits                                                |
| 11. | Speed 5 rpm                                            |
| 12. | 2 X 2 mm die, Cured at the Alternative Cure Schedule 2 |
| 13. | 2 X 2 mm die, Cured at the Alternative Cure Schedule 3 |
| 14. | 2 X 2 mm die, Cured at the Recommended Cure Schedule   |
| 15. | 2 X 2 mm die, Cured at the Alternative Cure Schedule 1 |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

**Susheng Import & Export Trading Co.,Ltd.**

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

