

Devcon 1 Minute™ Epoxy Gel

Epoxy; Epoxide

Devcon

Message:

Super-fast epoxy which bonds to metals, glass, fiberglass, and ceramics. Sets up in 30 seconds for instant adhesion

Intended Use:

Repairing furniture, jewelry, china, appliances and models.

Product features:

100% reactive, no solvents

Parts fixture in less than 1 minute

Fast-curing adhesive that bonds metals

| General Information | | | |
|------------------------------|-------------------------------|--------------------|-------------|
| Features | Adhesiveness | | |
| | Fast curing | | |
| Uses | Adhesive | | |
| Appearance | Opacity | | |
| | Amber | | |
| Forms | Gel | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Volume | 0.929 | cm ³ /g | |
| Solid content-by Volume | 100 | % | |
| Impact Resistance | 9.46 | kJ/m ² | |
| Service Temperature - Dry | -40 - 93 | °C | |
| Work Time | 45.0 | sec | |
| Tensile Shear Adhesion | 11.0 | MPa | ASTM D1002 |
| Density ¹ | 1.13 | g/cm ³ | |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 82 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | |
| Tensile Elongation (Break) | 1.0 | % | |
| Electrical | Nominal Value | Unit | Test Method |
| Dielectric Strength | 19 | kV/mm | ASTM D149 |
| Thermoset | Nominal Value | Unit | Test Method |
| Thermoset Components | | | |
| Mixing ratio by weight: 1.0 | | | |
| | | | |
| Component a | Mixing ratio by capacity: 1.0 | | |

Mixing ratio by weight: 1.0

| | | | |
|-------------------------|-------------------------------|------|-------------|
| Component B | Mixing ratio by capacity: 1.0 | | |
| Thermoset Mix Viscosity | 70000 | cP | |
| Additional Information | Nominal Value | Unit | Test Method |
| Cured 7 days @ 75°F | | | |
| Uncured Properties | Nominal Value | Unit | Test Method |
| Curing Time | 2.0 | hr | |
| NOTE | | | |
| 1. | Mixed | | |

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

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

