

EASYPOXY® K-22

Epoxy; Epoxide

Cytec Industries Inc.

Message:

EASYPOXY K-22 is a general purpose, two-component, room-temperature curing adhesive/sealant that bonds a wide variety of surfaces. EASYPOXY K-22 is relatively insensitive to mixing ratios. Since there are no solvents, there is no fire hazard. EASYPOXY K-22 is non-toxic when cured and is widely used for bonding, sealing, and repairing metal, wood, rubber, and most plastics.

| General Information | | |
|---|--------------------------|-------------------|
| Features | Non-Toxic | |
| Uses | Adhesives | |
| | Bonding | |
| | Repairing Material | |
| | Sealants | |
| Appearance | Black | |
| Forms | Paste | |
| Physical | Nominal Value | Unit |
| Specific Gravity | 1.35 | g/cm ³ |
| Molding Shrinkage - Flow | 0.70 | % |
| Water Absorption ¹ (25°C, 24 hr) | 0.40 | % |
| Viscosity | | |
| Part A : 25°C | Paste | |
| Part B : 25°C | Paste | |
| Fungal Resistance | Non-nutrient | |
| Hardness | Nominal Value | Unit |
| Durometer Hardness (Shore D) | 85 | |
| Mechanical | Nominal Value | Unit |
| Tensile Strength | 20.7 | MPa |
| Flexural Strength | 41.4 | MPa |
| Compressive Strength | 68.9 | MPa |
| Thermal | Nominal Value | Unit |
| Thermal Conductivity | 0.24 | W/m/K |
| Electrical | Nominal Value | Unit |
| Volume Resistivity (25°C) | 4.0E+13 | ohms · cm |
| Dielectric Constant (25°C, 1 kHz) | 4.60 | |
| Dissipation Factor (25°C, 1 kHz) | 0.012 | |
| Thermoset | Nominal Value | Unit |
| Thermoset Components | | |
| Hardener | Mix Ratio by Weight: 45 | |
| Resin | Mix Ratio by Weight: 100 | |


| | | |
|---------------------------------|---------------|------|
| Pot Life (25°C) | 20 | min |
| Shelf Life | 78 | wk |
| Demold Time | | |
| 25°C | 1400 | min |
| 65°C | 120 | min |
| Cured Properties | Nominal Value | Unit |
| Lap Shear Strength ² | | |
| -55°C | 11.0 | MPa |
| 25°C | 17.2 | MPa |
| 82°C | 15.9 | MPa |
| NOTE | | |
| 1. | Immersion | |
| 2. | Etched AL/AL | |

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