

TECHNICAL INFORMATION

Epi Fine EX-0063

Epi Fine EX-0063 a one-component epoxy adhesive is designed specifically for low temperature hardening.

1 . General Characters

| Appearance | Viscosity | Thixotropic Factor | Specific Gravity |
|----------------------------|----------------|--------------------|------------------|
| White , thixotropic liquid | 46,000 mPa· s. | 2.5 | 1.3 |

2 . Storage and cure condition

| Storage Life | | Gel time | Recommended cure condition |
|--------------|-------------|-------------|----------------------------|
| 5 degree C | 25 degree C | 80 degree C | 80 degree C |
| 5 Months | 30 Days | 15 minutes | 60 minutes |

3 . Cured property

| Item | Typical Values | Test Method | |
|------------------------------|----------------------|-------------|------------|
| Hardness | 88 Shore D | JIS-K-7215 | |
| Modulus of elasticity | 4,000 MPa | JIS-K-6911 | |
| Bending strength | 50 MPa | JIS-K-6911 | |
| Glass transition temperature | 94 Degree C | JIS-K-7197 | |
| Thermal expansion | 8.0×10^{-5} | JIS-K-7197 | |
| Bonding strength | 15.7 MPa (Fe /Fe) | at 25°C | JIS-K-6850 |
| Water absorption | 1.2 Weight % | JIS-K-6911 | |

The figures shown above are typical values only.



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