

EP5140-CCF

CRYSTAL CLEAR ULTRA FLEXIBLE EPOXY RUBBER COMPOUND

● PRODUCT DESCRIPTION

EP5140-CCF is a 100% solid, very flexible, electronic grade, crystal clear elastomeric type epoxy compound with low viscosity and high clarity. EP5140-CCF is designed for use in encapsulation and laminating applications where the visibility is important. Long pot life, low viscosity with easy bubble release and repairable.

● CURING PROPERTIES

| | |
|------------------|----------|
| Pot Life @ 25°C | 24 hours |
| Cure Time @ 25°C | 78 hours |
| Cure Time @ 50°C | 48 hours |
| Cure Time @ 85°C | 15 hours |

● UNCURED PROPERTIES

| | |
|-----------------------|---------------|
| Color | Crystal Clear |
| Viscosity (mixed) | 750cps |
| Specific Gravity | 1,03 |
| Mix ratio (by weight) | 100:100 |

● CURED PROPERTIES

| | |
|--|----------------------------|
| Appearance | Crystal Clear Rubbery like |
| Hardness Shore A | @25°C: 25 |
| | @150°C: 29 |
| | @-55°C: 90 |
| Tensile Strength (psi) | 750 |
| Weight Loss (24 hr. at 149°C): | 1.80% |
| Water Absorption (24hrs.) | 1.50% |
| Elongation at break | 150% |
| Impact Resistance, (Izod ft. lb./in notch) | 2.08 |
| Volume Resistivity (@ 25°C, ohm-cm) | 10 |
| Dielectric Constant, (10 ³ to 10 ¹⁰ cps) | 3 |
| Dissipation Factor, (10 ³ to 10 ¹⁰ cps) | 0.02 |

● INSTRUCTION FOR USE

Mix the parts by weight equally. Mix until turbidity disappears. Deaerate if needed.
Shelf life: Store in original, unopened containers for 9 months at room temperature.

