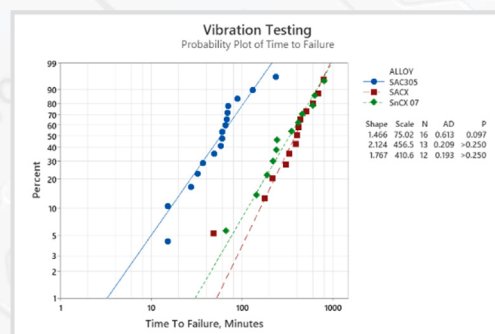
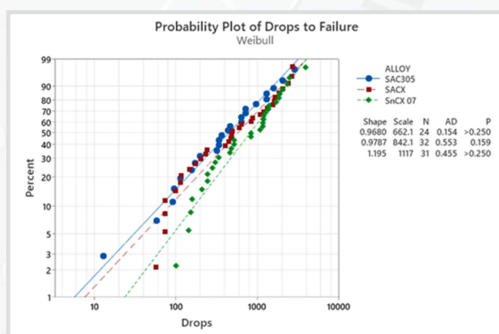


ALPHA® OM-100 SnCX® 07 Solder Paste

Optimized for Value, Designed for Reliability

ALPHA® OM-100 SnCX® 07 is a lead-free, silver-free, no-clean solder paste designed to provide SAC-comparable reliability while optimizing total cost of ownership. Ideal for cost-sensitive applications, this solution drives higher profitability with every assembly.

With an average 50% improvement in mechanical strain resistance over SAC305-based solder pastes, ALPHA OM-100 SnCX 07 significantly extends in-use life for white goods and smart home electronics assemblies where environmental incursions like vibration and drop shock are a major concern. Engineered for both exceptional performance and cost efficiency, this versatile paste maximizes value without compromising reliability.



Key Features

- **Superior Mechanical Performance:** Proven 50% improvement in characteristic life over SAC305 for white goods and smart consumer electronics applications.
- **TCO Optimization:** Offers up to 30% metal savings over SAC-based alloys, optimizing total cost of ownership.
- **TCT Performance:** Comparable thermal cycling test (TCT) performance to SAC305 for applications operating under 100°C.
- **Excellent Processability:** Optimized for tighter processing windows, offering up to 16-hour stencil life.
- **Coalescence and Wetting Performance:** Coalesces down to 190µm, providing strong wetting characteristics and reliable solder joints.
- **Zero-Halogen, No Halogens Intentionally Added:** ROHS-compliant, ensuring a safe and environmentally responsible assembly process.



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