

New Product: Welco™ LED131 Lead-Free No-Clean Solder Paste

Welco™ LED131 SAC solder paste series is a lead-free no-clean solder paste that promotes outstanding wetting and minimizes soldering defects. The LED131 flux system is optimized explicitly for lead-free alloys, such as Sn/Ag/Cu. This formula provides superior performance on a variety of surface finishes and leaves behind a clear residue.

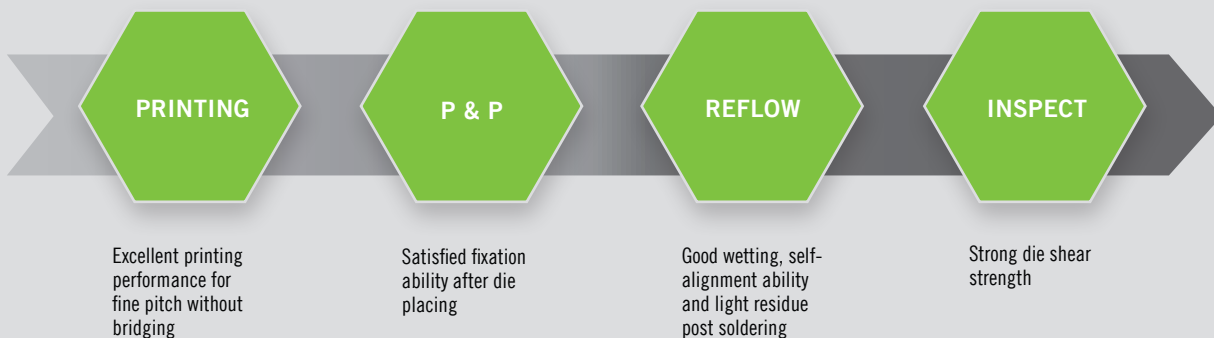
The unique superfine powder technology excels in printing and soldering performance in mini-LED pads. Perfectly suited for the LED flip-chip package of mini-LED display, lighting, and automotive.

Welco™ LED131 benefits

- Wide processing window, suitable for traditional die attach and die mass transfer application
- Excellent printing performance for ultrafine pitch and long work life
- Good shear strength for solder joint and high reliability
- Superior wetting performance on fine pitch and self-align in reflow process
- Light residue - perfect for optical application
- Low void



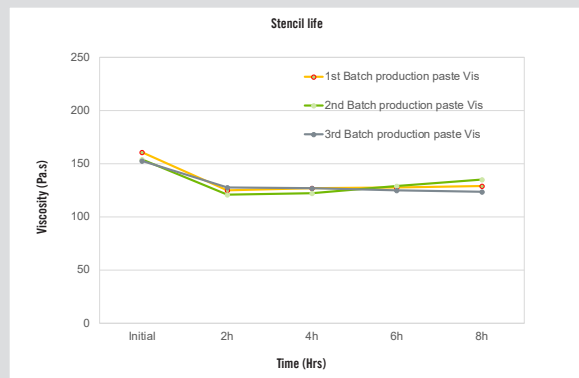
Process and Application



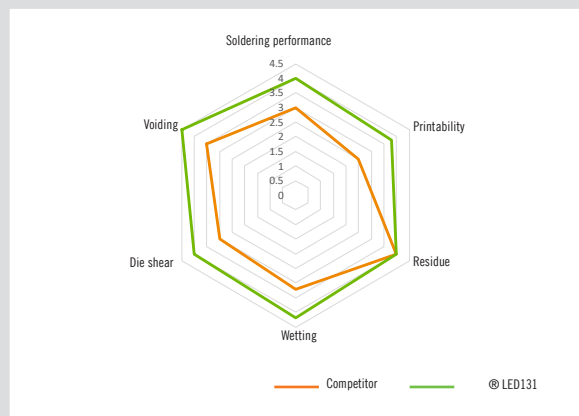
Product Properties Table

Physical Properties		LED131
Alloy		SAC305
Metal Content		84%
Halogen Content		Halogen free
Flux Activity		ROLO
Application		
Printing		Yes
Features & Benefits		
Cleaning		Solvent Clean
Storage Condition		2 – 10°C

Stencil Life Test Comparison



Performance Comparison



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