Kester® 278 Flux-Cored Wire with Innolot Alloy

Halogen-Free, Halide-Free, No-Clean Cored Wire for High Performance Applications

Halogen-Free, Halide-Free No-Clean Cored Wire for High Performance Applications

Kester 278 Flux-Cored Wire is a high performance, high reliability material incorporating the Innolot alloy designed for challenging applications such as such as under-the-hood automotive.

This fast wetting, low spattering, halogen/halide-free core wire provides clear post reflow residues. Kester 278 is classified as Type ROL0 flux under J-STD-004B specifications.

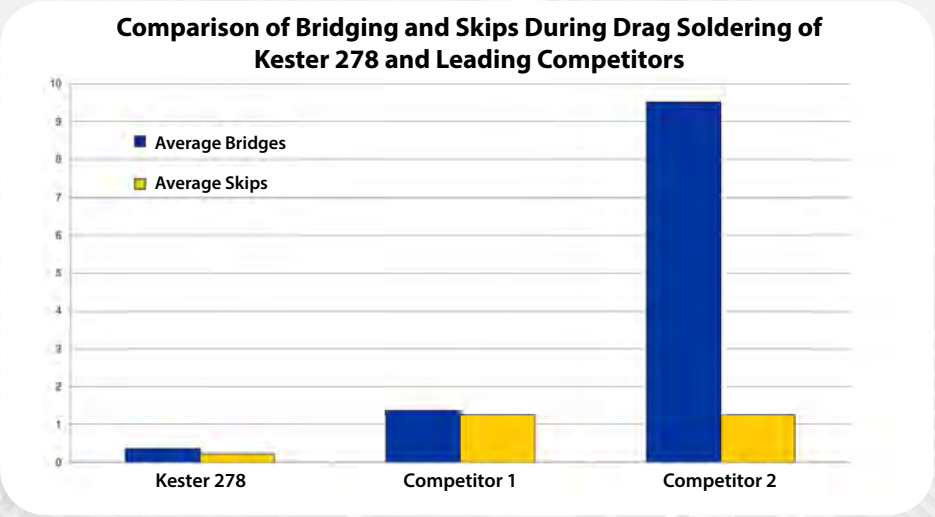
Key Features

- Highly reliable performance
- Halogen and Halide-free
- Low spattering, smoke & fume
- Excellent joint cosmetics and wetting performance
- Reflow at temperatures equivalent to SAC305
- Harsh environment applications such as under-the-hood automotive, Advanced Safety Devices (ADAS), high power LED and avionics/aerospace

kester

Kester® 278 Flux-Cored Wire with Innolot Alloy

Halogen-Free, Halide-Free, No-Clean Cored Wire for High Performance Applications



ELECTRICAL RELIABILITY OF KESTER 278 FLUX-CORED WIRE

RELIABILITY TEST		REQUIREMENTS	RESULTS
JIS	JIS Z 3197	≥1.0x10^{11} Ω	Pass
Bellcore	SIR (GR-78-CORE)	≥1.0x10^{11} Ω	
IPC	SIR (J-STD-004A)	≥1.0x10^{8} Ω	
	SIR (J-STD-004B)	≥1.0x10^{8} Ω	
	EM (J-STD-004B)	$SIR_{INITIAL}$ / SIR_{FINAL} <10	

Halogen-free and Halide-free Kester 278 passes all major Surface Insulation Resistance (SIR) tests

MacDermid Alpha ELECTRONICS SOLUTIONS

macdermidalpha.com
October 2021

Kester is a product brand of MacDermid Alpha Electronics Solutions.

For more information, contact us at Assembly@MacDermidAlpha.com