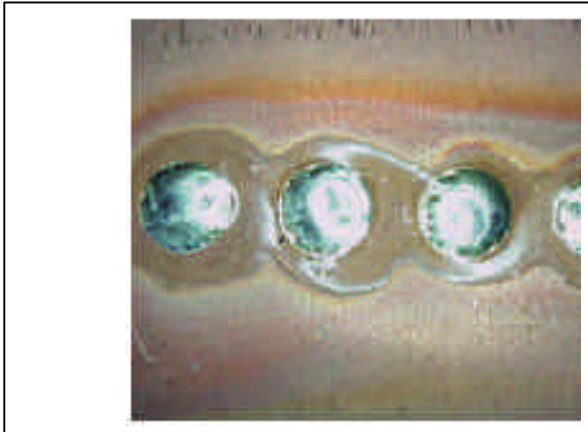


Properties of F620CU0.589M3

Item	Typical Property	Test Method
Alloy	Sn95.5/Ag4/Cu0.5	---
Flux Content	11.5% (Standard)	---
Powder size Shape	Type 3 Sphere	--- ---
Solidus-Liquidus	217-219C	---
Chlorine Content	0.03%	Blend Value
Copper Plate Corrosion Test	Pass	JIS-Z-3197
Silver Chromate Test	Pass	QQS-571
Copper Mirror Test	Pass	J-STD-004
Electric Insulation Resistance Test (SIR)	40C/90%/168H: 1.1xE+12 ohm	JIS-Z-3284
	85C/85%/168H: 1.2E+10 ohm	
Voltage applied Moisture Resistance, SIR (Bias DC45V)	40C/90%/168H: 3.7E+12 ohm	IPC-TM-650
	85C/85%/168H: 1.4E+10 ohm	
Solder ball Test (air)	Good	Benchmark 2
Tackiness Time of keeping 100g minimum	24 hours	JIS_Z-3284
Hot Slump	Good	Benchmark 2
Fluidity Characteristic	Viscosity: 200+/-30 Pa.s	Malcom 10rpm.
	Thixotropic Index: 0.6	JIS-Z-3284

Technical Information

1. Copper Plate Corrosion Test: Pass



2. Silver Chromate Test: Pass



3. Copper Mirror Test: Pass

