

## Technical Literature I-11

## Soldering Resistance of AURUM<sup>®</sup>

Test specimen: Small dumbbell specimens (thickness: 2 mm)  
 Testing method: After a specimen is immersed in a soldering bath for 10 and 30 Seconds, the change in the appearance was observed.  
 The purpose of drying: To check the effect of dehydration

### 1. 10-second Immersion in the Soldering Bath

Immersion temp., °C	Drying	PPS Natural	PES Natural	AURUM Natural	AURUM GF30% JGN3030
240	Yes	○	○	○	○
	No	○	○	○	○
260	Yes	○	○	○	○
	No	○	×	○	○
280	Yes	×	×	○	○
	No	×	×	○	×
300	Yes	×	×	○	○
	No	×	×	×	×

### 2. 30-second Immersion in the Soldering Bath

Immersion temp., °C	Drying	PPS Natural	PES Natural	AURUM Natural	AURUM GF30% JGN3030
240	Yes	○	○	○	○
	No	○	×	○	○
260	Yes	○	×	○	○
	No	×	×	○	○
280	Yes	×	×	○	○
	No	×	×	×	×
300	Yes	×	×	×	×
	No	×	×	×	×

○: No change in appearance  
 ×: There was change or deformation.

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