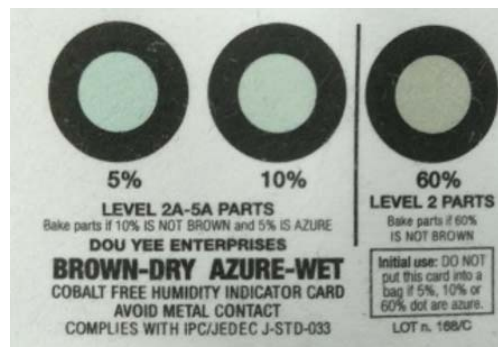


Three-point Humidity Indicator Card Instruction

The indicator card in awinic product is three-point type 5%、10%、60%, as below:



Brown-Dry Card



Azure-Wet Card

- * Color is brown in all circles, dry and use as normal.
- * Acceptable for brown in 10% but azure in 5% circles , use as normal.
- * Bake parts if 10% circle is not brown.(Except MSL1 products)
- * Bake parts if 60% circle is not brown.(Except MSL1 products)
- * For MSL1 products, please ignore the indicator card and use as normal.

Bake process should follow IPC/JEDEC J-STD-33 standard, as below:

Pkg Thickness 元件厚度	MSL	Bake @ 125C		Bake @ 90C/<=5%RH		Bake @ 40C/<=5%RH	
		Saturated @ 30C/85%	@ Floor Life Limit + 72H @ 30C/60%	Saturated @ 30C/85%	@ Floor Life Limit + 72H @ 30C/60%	Saturated @ 30C/85%	@ Floor Life Limit + 72 H @ 30C/60%
<= 1.4 mm	2a	5 H	3 H	17 H	11 H	8 D	5 D
	3	9 H	7 H	33 H	23 H	13 D	9 D
	4	11 H	7 H	37 H	23 H	15 D	9 D
	5	12 H	7 H	41 H	24 H	17 D	10 D
	5a	16 H	10 H	54 H	24 H	22 D	10 D
<= 2.0 mm	2a	21 H	16 H	3 D	2 D	29 D	22 D
	3	27 H	17 H	4 D	2 D	37 D	23 D
	4	34 H	20 H	5 D	3 D	47 D	28 D
	5	40 H	25 H	6 D	4 D	57 D	35 D
	5a	48 H	40 H	8 D	6 D	79 D	56 D
<=4.5 mm	2a	48 H	48 H	10 D	7 D	79 D	67 D
	3	48 H	48 H	10 D	8 D	79 D	67 D
	4	48 H	48 H	10 D	10 D	79 D	67 D
	5	48 H	48 H	10 D	10 D	79 D	67 D
	5a	48 H	48 H	10 D	10 D	79 D	67 D

- * If product thickness is below 1.4mm, suggest to use low-temperature bake: 40°C/<=5%RH
- * If product is tape and reel package, not suggest to use 90°C or 125°C bake condition due to material limitation. if required to use high temperature(90°C/120°C), advise to use vacuum chamber or N2 chamber with naked components.