

ASTM Candle Testing Sheet

Pre-testing:

- Let all test candles sit in testing environment for 24hrs to warm to ambient temps
- Inspect for cracks or chips- if any are present, fail that candle.

Name:	Date:	Batch amount:
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Wax:	Wax weight:	Container:	Wick:	FO:	FO%:
Heated to:	FO added at:	Poured at:	Start Photo:	FO:	

JAR: room temp | warmed | tin foil

Test #1	Date:	Room:	Start time:	Start weight:	Start temp:	5min flame:
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	

Ember Glow: _____ seconds

Carbon ball droppings: Y/N Size:

Test #2	Date:	Room:	Start time:	Start weight:	Start temp:	5min flame:
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	

Ember Glow: _____ seconds

Carbon ball droppings: Y/N Size:

Test #3	Date:	Room:	Start time:	Start weight:	Start temp:	5min flame:
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	

Ember Glow: _____ seconds

Carbon ball droppings: Y/N Size:

Test #4	Date:	Room:	Start time:	Start weight:	Start temp:	5min flame:
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	
MP:	HT: good average poor	Soot: Y/N	Shroom: 0 sm med lg	Flame:	Temp:	

Ember Glow: _____ seconds

Carbon ball droppings: Y/N Size:

End of life data:

Photo before blowout: Y/N	Ember glow: _____ seconds	Final Photo: Y/N
Cooled weight:	Cooled MP:	Carbon ball drops: Y/N
FO: Keep Try again No		

Notes:
