

Candle Burn Test Sheet



CANDLE SPECIFICATIONS

GLASS SIZE & TYPE _____

WICK USED _____ QTY: _____

WAX USED _____ GRAMS: _____

FRAGRANCE USED _____ GRAMS: _____

FRAGRANCE LOAD _____ CANDLES MADE: _____

WAX MELT TEMP: _____

POUR TEMP: _____

FO ADD TEMP: _____

DYE: _____

DYE ADD TEMP: _____

NOTES

BURN TEST # _____ DATE: / /

BURN TEST # _____ DATE: / /

BURN TEST # _____ DATE: / /

START WEIGHT _____

END WEIGHT _____

START TIME _____

END TIME _____

TOTAL BURN TIME _____

BURN RATE _____

MELT POOL DEPTH _____

SMOKING FLAME NONE 1 2 3 4 5 LOTS

MUSHROOMING NONE 1 2 3 4 5 LOTS

TUNNELLING NONE 1 2 3 4 5 LOTS

FLAME HEIGHT LOW 1 2 3 4 5 HIGH

COLD THROW POOR 1 2 3 4 5 GREAT

HOT THROW POOR 1 2 3 4 5 GREAT

START WEIGHT _____

END WEIGHT _____

START TIME _____

END TIME _____

TOTAL BURN TIME _____

BURN RATE _____

MELT POOL DEPTH _____

SMOKING FLAME NONE 1 2 3 4 5 LOTS

MUSHROOMING NONE 1 2 3 4 5 LOTS

TUNNELLING NONE 1 2 3 4 5 LOTS

FLAME HEIGHT LOW 1 2 3 4 5 HIGH

COLD THROW POOR 1 2 3 4 5 GREAT

HOT THROW POOR 1 2 3 4 5 GREAT

START WEIGHT _____

END WEIGHT _____

START TIME _____

END TIME _____

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MELT POOL DEPTH _____

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MUSHROOMING NONE 1 2 3 4 5 LOTS

TUNNELLING NONE 1 2 3 4 5 LOTS

FLAME HEIGHT LOW 1 2 3 4 5 HIGH

COLD THROW POOR 1 2 3 4 5 GREAT

HOT THROW POOR 1 2 3 4 5 GREAT

BURN TEST #

DATE: / /

START WEIGHT _____

END WEIGHT _____

START TIME _____

END TIME _____

TOTAL BURN TIME _____

BURN RATE _____

MELT POOL DEPTH _____

SMOKING FLAME NONE 1 2 3 4 5 LOTS

MUSHROOMING NONE 1 2 3 4 5 LOTS

TUNNELLING NONE 1 2 3 4 5 LOTS

FLAME HEIGHT LOW 1 2 3 4 5 HIGH

COLD THROW POOR 1 2 3 4 5 GREAT

HOT THROW POOR 1 2 3 4 5 GREAT

BURN TEST #

DATE: / /

START WEIGHT _____

END WEIGHT _____

START TIME _____

END TIME _____

TOTAL BURN TIME _____

BURN RATE _____

MELT POOL DEPTH _____

SMOKING FLAME NONE 1 2 3 4 5 LOTS

MUSHROOMING NONE 1 2 3 4 5 LOTS

TUNNELLING NONE 1 2 3 4 5 LOTS

FLAME HEIGHT LOW 1 2 3 4 5 HIGH

COLD THROW POOR 1 2 3 4 5 GREAT

HOT THROW POOR 1 2 3 4 5 GREAT

NOTES

Candle Burn Test Sample & Notes

BURN TEST # 2 DATE: 30/10/22

START WEIGHT	534g	←	Weigh your candle in grams (including the vessel) before lighting
END WEIGHT	515g	←	At the end of your burn test, blow out your candle and weigh again
START TIME	3:30pm	←	Indicate the time you started your burn test
END TIME	7:30pm	←	Indicate the time you ended your burn test
TOTAL BURN TIME	4 hours	←	Total length in hours of burn test
BURN RATE	4.75g/hour	←	Subtract end weight from start weight & divide by total burn time = burn rate
MELT POOL DEPTH	3mm	←	Measure depth of melted wax in millimetres at the end of your burn test
SMOKING FLAME	NONE 1 2 3 4 5 LOTS		
MUSHROOMING	NONE 1 2 3 4 5 LOTS		
TUNNELLING	NONE 1 2 3 4 5 LOTS		
FLAME HEIGHT	LOW 1 2 3 4 5 HIGH		
COLD THROW	POOR 1 2 3 4 5 GREAT		
HOT THROW	POOR 1 2 3 4 5 GREAT		

THINGS TO REMEMBER

- Remember to trim your wick to around 5mm before each test burn.
- Burn your test candles in a medium-sized room and never leave burning test candles unattended.
- If burning more than one candle at a time, allow at least 10cm of space between each candle.
- To test scent throw, ensure only one candle is burning in your room at once and do not place near any doorways, windows or where there may be a draft.

NOTES

Reached full melt pool on burn #3. Flame and burn rate a bit high - will continue to see if this increases in subsequent burn tests. If so, may need to wick down to Eco 12 - add these to my next Craftovator order!