**2022-01-14**

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| What is this experiment for? | Paper tests: blue tip |

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| Start Time: |  |  |  |
|  | Measurements / Parameters to test | Stopwatch time | Comments |
| Glue Temperature: | 61 °C |  | Glue is more viscous than usual |
| Weight Glue: | 10.032 g |  |
| Weight Hardener: | 0.747 g | **Start Stopwatch** |  |
| Glue Temperature: | 29.5 °C | 00 |  |
| Degas Pictures taken after X min: | 5, 10min | 0:00, 1:30 | 00 | Glue after 10min degassing: 1 min in oven and degas for additional 2 min |
| Glue Temperature: | 37 °C | 00 |  |
| Filling Syringe |  | 00 |  |
| Testing Dispenser |  | 00 |  |
| Leveling Procedure |  | 20:00 |  |
| Start paper 1 | v ∈ [5.5, 6.5, 7.5, 8.5] | 22:00 |  |
| End Paper 1 |  | 28:00 |  |
| Start Paper 2 | v ∈ [9.5, 10.5, 11.5, 12.5] | 28:00 |  |
| End Paper 2 |  | 34.00 |  |
| Start Paper 3 | v ∈ [5.5, 6.5, 7.5, 8.5] | 34:00 | Lost a trace in between – one could hear a “tack tack tack” sound |
| End Paper 3 |  | 41:00 |  |

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| After 5 min | After 10 min | Second degas after heating after 0:00 min | Second degas after 1:30 min |

## Results

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| Paper picture | Parameter description |
|  | blue tip:  Ø = 0.41mm  ϕ = 0.0126cc/s  v **∈ [3.3, 4, 4.6, 5.2]**  **time: 22-28 min**  **h\_wait = 0.0 s** |
|  | blue tip:  Ø = 0.41mm  ϕ = 0.0126cc/s  v **∈ [5.8, 6.4, 7, 8.6]**  **time: 28-34min**  **h\_wait = 0.0s** |
|  | blue tip:  Ø = 0.41mm  ϕ = 0.0126cc/s  v **∈ [5.8, 6.4, 7, 8.5]**  **time: 34-41min**  **h\_wait = 0.1s** |

