**2022-01-14**

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| What is this experiment for? | Paper tests: Pink tip, faster velocities |

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| Start Time: |  |  |  |
|  | Measurements / Parameters to test | Stopwatch time | Comments |
| Glue Temperature: | 65 °C |  | Glue is more viscous than usual |
| Weight Glue: | 10.005 g |  |
| Weight Hardener: | 0.755 g | **Start Stopwatch** |  |
| Glue Temperature: | 28.9 °C | 00 |  |
| Degas Pictures taken after X min: | 5, 9:30|0:00,1:59 min | 00 | Glue after 13min degassing: 1 min in oven and degas for additional 3 min |
| Glue Temperature: | 36 °C | 18:00 |  |
| Filling Syringe |  | 00 |  |
| Testing Dispenser |  | 00 |  |
| Leveling Procedure |  | 24:00 |  |
| Start paper 1 | v ∈ [15,15,20,25] | 33:00 |  |
| End Paper 1 |  | 36:00 |  |
| Start Paper 2 | v ∈ [25,25,30,30] | 36:00 |  |
| End Paper 2 |  | 38:00 |  |
| Start Paper 3 | v ∈ [35,40,45,50] | 38:00 |  |
| End Paper 3 |  | 43:00 |  |

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| After 0:30 min | After 5min | After 10 min | Second degas after 3 min |

## Results

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| Paper picture | Parameter description |
|  | Pink tip:  Ø = 0.61mm  ϕ = 0.021cc/s  v **∈ [15,15,20,25]**  **time: 33-38min**  **h\_wait = 0.05s** |
|  | Pink tip:  Ø = 0.61mm  ϕ = 0.021cc/s  v **∈ [35,40,45,50]**  **time: 38-43min**  **h\_wait = 0.0s** |
|  | Pink tip:  Ø = 0.61mm  ϕ = 0.021cc/s  v **∈ [25,25,30,30]**  **time: 36-38 min**  **h\_wait = 0.0s**  **-** **not included in analysis!**  **Result:** fast velocity is reproducible |

