**2022-02-09**

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| What is this experiment for? | Triplets v3: pink tip – fast velocities |

# **Checklist**

Position Tiles

Turn Vacuum off

Put measurement cap on

Turn Camera light off

Measure tiles

Put cap off

Turn Vacuum on

**Glue:**

|  |  |  |  |
| --- | --- | --- | --- |
| Start Time: | 13:30 |  |  |
|  | Measurements / Parameters to test | Stopwatch time | Comments |
| Glue Temperature: | 50°C |  |  |
| Weight Glue: | 10.019g |  |
| Weight Hardener: | 0.759 g | **Start Stopwatch** |  |
| Glue Temperature: | 27 °C | 00 |  |
| Degas Pictures taken after X min: | 5, 8:30, 10:00 min | 00 |  |
| Glue Temperature: | 28 °C | 00 |  |
| Filling Syringe |  | 12:00 |  |
| Testing Dispenser |  | 14:00 |  |
| Leveling Procedure |  | 00 |  |
| Start Triplet 1 | V=10 | 19:00 | One edge failed -> bad hight calibration. New calibration and it worked |
| End Triplet 1 |  | 21:30 |  |
| Start Triplet 2 | V=12.5 | 22:25 | Brown triplet |
| End Triplet 2 |  | 23:00 |  |
| Start Triplet 3 | V=15 | 23:40 | Yellow triplet |
| End Triplet 3 |  | 24:00 |  |
| Turn Vacuum off |  | 24:40 |  |
| Put measurement cap on |  | 0 |  |
| Start measurement (Repetion: x24) |  | 27:24 |  |
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| Ein Bild, das Tasse, drinnen, schließen enthält.  Automatisch generierte Beschreibung  after 5 min | Ein Bild, das Tasse, drinnen, blau, schließen enthält.  Automatisch generierte Beschreibung  after 8 min | Ein Bild, das Tasse, drinnen, blau enthält.  Automatisch generierte Beschreibung  after 10 min |

## Results

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| --- | --- |
|  | **Triplet Description**  - Blue Triplet  - v = 10 mm/s  - ϕ=0.021cc/s  Vac release right after gluing |
|  | **Triplet Description**  - brown Triplet  - v = 12.5 mm/s  - ϕ=0.021cc/s  Vac release right after gluing |
|  | **Triplet Description**  - yellow Triplet  - v = 15 mm/s  - ϕ=0.021cc/s  Vac release right after gluing |

## Analysis Results:

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