

# BambuLab Matte Ivory White PLA Matte White

MaterialID MAT0075



3DPiceland Labs  
Generated with 3DPiceland Engineering Platform v60.0.6  
WORKFLOW-RELIABILITY - Bug Fixes and Workflow Reliability  
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**Traceability boundary:** canonical per-module measured dates are shown below. Session identifier, time of day, operator, printer/slicer profile and environmental conditions are Not recorded and are never inferred.

## Measurement provenance

Canonical SQLite measured dates use ISO format; missing dates remain Not recorded.

| Module    | Measured date |
|-----------|---------------|
| Tensile   | Not recorded  |
| Impact    | Not recorded  |
| Stiffness | Not recorded  |

|                    |                       |                               |                            |
|--------------------|-----------------------|-------------------------------|----------------------------|
| Status<br>Complete | Result modules<br>3/3 | Specimen/result records<br>41 | Public details<br>Approved |
|--------------------|-----------------------|-------------------------------|----------------------------|

## Specimen and result quality

| Module  | Orientation | Average    | Std. dev. | CV     | Specimens | Confidence | Validation |
|---------|-------------|------------|-----------|--------|-----------|------------|------------|
| Tensile | Upright     | 8,183 MPa  | 1,585 MPa | 0,194% | 10        | 10/10      | OK         |
| Tensile | Flat        | 24,133 MPa | 5,708 MPa | 0,237% | 10        | 10/10      | OK         |

| Module    | Orientation      | Average                   | Std. dev.                | CV     | Specimens | Confidence | Validation |
|-----------|------------------|---------------------------|--------------------------|--------|-----------|------------|------------|
| Impact    | Upright          | 138,277 kJ/m <sup>2</sup> | 26,421 kJ/m <sup>2</sup> | 0,191% | 10        | 10/10      | OK         |
| Impact    | Flat             | 452,623 kJ/m <sup>2</sup> | 26,389 kJ/m <sup>2</sup> | 0,058% | 10        | 10/10      | OK         |
| Stiffness | Three-point bend | 1757,259 MPa              | n/a                      | n/a    | 1         | Complete   | OK         |

## Recorded native inputs

| Module    | Input set                 | Recorded values                                                      |
|-----------|---------------------------|----------------------------------------------------------------------|
| Tensile   | Upright force inputs (N)  | 44, 62, 66, 54, 58, 65, 40, 47, 58, 38                               |
| Tensile   | Flat force inputs (N)     | 160, 173, 207, 184, 179, 144, 120, 91, 120, 191                      |
| Impact    | Upright needle inputs (%) | 5,00, 8,00, 8,00, 8,00, 8,00, 7,00, 10,00, 10,00, 8,00, 10,00        |
| Impact    | Flat needle inputs (%)    | 30,00, 28,00, 27,00, 27,00, 25,00, 27,00, 25,00, 26,00, 25,00, 26,00 |
| Stiffness | Revolutions / degrees     | 2 / 330                                                              |

## Approved test notes

## Method and equipment context

Purpose-built tensile, pendulum impact and three-point bend apparatus are used with the governed Settings Manager constants consumed by ResultsService. Results are comparative and do not claim accredited-laboratory equipment.

[Testing methodology](#) · [Engineering methodology whitepaper](#) · [Download PDF](#)

reports/test-sessions/MAT0075/

