

Yasin Standard White PLA matt White

MaterialID MAT0233



3DPiceland Labs
Generated with 3DPiceland Engineering Platform v60.0.6
WORKFLOW-RELIABILITY - Bug Fixes and Workflow
Reliability
2026-08-25 19:04:35

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	2026-08-19
Impact	2026-08-20
Stiffness	2026-08-18

Status
Complete

Result modules
3/3

Specimen/result
records
39

Public details
Approved

Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	2,749 MPa	1,612 MPa	0,586%	8	8/10	OK
Tensile	Flat	21,425 MPa	6,557 MPa	0,306%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	131,428 kJ/m ²	18,079 kJ/m ²	0,138%	10	10/10	OK
Impact	Flat	359,497 kJ/m ²	24,766 kJ/m ²	0,069%	10	10/10	OK
Stiffness	Three-point bend	2544,996 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	20, 10, 21, 35, 5, 22, 5, 25, ,
Tensile	Flat force inputs (N)	197, 71, 190, 152, 120, 172, 148, 81, 148, 114
Impact	Upright needle inputs (%)	9, 7, 7, 8, 7, 9,5, 7, 6,5, 9, 8
Impact	Flat needle inputs (%)	21, 20, 23, 22, 22, 22, 21, 20, 18, 22
Stiffness	Revolutions / degrees	2 / 5

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/MAT0233/

