

Yasin Standard Clear PVA Clear

MaterialID MAT0231



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 32	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	1 MPa	0,326 MPa	0,326%	2	2/10	OK
Tensile	Flat	9,136 MPa	5,149 MPa	0,564%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	56,675 kJ/m ²	22,563 kJ/m ²	0,398%	9	9/10	OK
Impact	Flat	484,28 kJ/m ²	116,218 kJ/m ²	0,24%	10	10/10	OK
Stiffness	Three-point bend	3925,792 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	5, 8, , , , , , ,
Tensile	Flat force inputs (N)	54, 125, 15, 71, 28, 68, 15, 80, 67, 71
Impact	Upright needle inputs (%)	1, 3, 3, 2,5, 4, 3, 5,5, 5, 3,5,
Impact	Flat needle inputs (%)	32, 41, 33, 23, 35, 22, 23, 29, 30, 18
Stiffness	Revolutions / degrees	1 / 110

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](#)

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