

Yasin Standard Clear PMMA Clear

MaterialID MAT0035



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 Complete	Result modules 3/3	Specimen/result records 39	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	9,998 MPa	3,148 MPa	0,315%	8	8/10	OK
Tensile	Flat	21,718 MPa	5,207 MPa	0,24%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	74,612 kJ/m ²	31,938 kJ/m ²	0,428%	10	10/10	OK
Impact	Flat	545,901 kJ/m ²	168,401 kJ/m ²	0,308%	10	10/10	OK
Stiffness	Three-point bend	887,078 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	69, 102, 64, 87, 45, 44, 54, 55, ,
Tensile	Flat force inputs (N)	110, 107, 130, 116, 159, 107, 154, 143, 207, 179
Impact	Upright needle inputs (%)	1,00, 3,00, 3,00, 4,00, 7,00, 4,00, 5,00, 4,50, 6,00, 7,00
Impact	Flat needle inputs (%)	40,00, 40,00, 37,00, 14,00, 34,00, 35,00, 13,50, 40,00, 36,00, 35,00
Stiffness	Revolutions / degrees	5 / 280

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/MAT0035/