

Yasin Standard Clear PA6 Clear

MaterialID MAT0027



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 38	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	4,749 MPa	2,179 MPa	0,459%	8	8/10	OK
Tensile	Flat	62,292 MPa	14,734 MPa	0,237%	9	9/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	146,786 kJ/m ²	12,207 kJ/m ²	0,083%	10	10/10	OK
Impact	Flat	454,066 kJ/m ²	52,321 kJ/m ²	0,115%	10	10/10	OK
Stiffness	Three-point bend	2562,67 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	28, 48, 42, 22, 22, 21, 51, 13, ,
Tensile	Flat force inputs (N)	463, 466, 367, 481, 482, 351, 448, 402, 185,
Impact	Upright needle inputs (%)	7,00, 9,00, 8,00, 8,50, 9,00, 9,00, 9,00, 9,00, 9,00, 9,50
Impact	Flat needle inputs (%)	25,00, 25,00, 30,00, 27,00, 32,00, 24,00, 30,00, 25,00, 22,00, 27,00
Stiffness	Revolutions / degrees	2 / 0

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/MAT0027/