

Yasin Standard Black PC Plus Black

MaterialID MAT0034



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	2,395 MPa	1,198 MPa	0,5%	7	7/10	OK
Tensile	Flat	17,196 MPa	5,452 MPa	0,317%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	116,96 kJ/m ²	23,561 kJ/m ²	0,201%	10	10/10	OK
Impact	Flat	304,671 kJ/m ²	42,494 kJ/m ²	0,139%	10	10/10	OK
Stiffness	Three-point bend	1782,727 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	14, 17, 30, 13, 5, 11, 19, , ,
Tensile	Flat force inputs (N)	136, 177, 114, 48, 83, 104, 107, 127, 136, 86
Impact	Upright needle inputs (%)	6,00, 7,50, 6,00, 9,00, 5,00, 9,00, 7,00, 6,00, 6,00, 8,00
Impact	Flat needle inputs (%)	19,00, 18,00, 21,00, 17,00, 23,00, 16,00, 15,00, 16,00, 17,50, 16,50
Stiffness	Revolutions / degrees	2 / 315

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/MAT0034/