Public test session report

Eryone Standard Black PA6 GF Black

MaterialID MAT0210

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	Not recorded
Impact	2026-08-02
Stiffness	2026-08-01

Status	Result modules	Specimen/result records	Public details
Partial	**2/3**	**21**	**Approved**

Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	n/a	n/a	n/a	0	n/a	OK
Tensile	Flat	n/a	n/a	n/a	0	n/a	OK
Impact	Upright	105,069 kJ/m²	25,669 kJ/m²	0,244%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Flat	695,775 kJ/m²	47,255 kJ/m²	0,068%	10	10/10	OK
Stiffness	Three-point bend	3181,245 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	, , , , , , , , ,
Tensile	Flat force inputs (N)	, , , , , , , , ,
Impact	Upright needle inputs (%)	3, 7, 8, 5,5, 6, 6, 8, 5, 7, 7
Impact	Flat needle inputs (%)	41, 49, 41, 42, 40, 38, 44, 44, 39, 40
Stiffness	Revolutions / degrees	1 / 220

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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