Public test session report

IC3D Standard PETG Yellow

MaterialID MAT0063

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	Not recorded
Stiffness	Not recorded

Status
Partial

Result modules
2/3

Specimen/result records
21

Public details
Approved

Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	13,074 MPa	3,784 MPa	0,289%	10	10/10	OK
Tensile	Flat	28,255 MPa	3,81 MPa	0,135%	10	10/10	OK
Impact	Upright	n/a	n/a	n/a	0	n/a	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Flat	n/a	n/a	n/a	0	n/a	OK
Stiffness	Three-point bend	1186,574 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	75, 45, 58, 108, 93, 70, 98, 72, 116, 115
Tensile	Flat force inputs (N)	185, 185, 194, 204, 164, 135, 191, 191, 163, 225
Impact	Upright needle inputs (%)	, , , , , , , , ,
Impact	Flat needle inputs (%)	, , , , , , , , ,
Stiffness	Revolutions / degrees	4 / 115

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.

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