

Public test session report

DasFilament Standard PETG Black

MaterialID MAT0046



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
1/3

Specimen/result
records
10

Public details
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	n/a	n/a	n/a	0	n/a	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Flat	55,142 kJ/m ²	12,02 kJ/m ²	0,218%	10	10/10	OK
Stiffness	Three-point bend	n/a	n/a	n/a	0		OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	, , , , , , , ,
Tensile	Flat force inputs (N)	, , , , , , , ,
Impact	Upright needle inputs (%)	, , , , , , , ,
Impact	Flat needle inputs (%)	2,00, 4,00, 4,00, 4,00, 3,00, 3,00, 3,00, 2,50, 3,50, 4,00
Stiffness	Revolutions / degrees	

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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