Public test session report

Prusa3D Prusament PA11 CF Black

MaterialID MAT0018

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
Complete

Result modules
3/3

Specimen/result records
40

Public details
Approved

Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	4,7 MPa	1,982 MPa	0,422%	9	9/10	OK
Tensile	Flat	49,111 MPa	5,071 MPa	0,103%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	74,527 kJ/m²	10,886 kJ/m²	0,146%	10	10/10	OK
Impact	Flat	433,368 kJ/m²	120,006 kJ/m²	0,277%	10	10/10	OK
Stiffness	Three-point bend	3968,005 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	20, 45, 42, 37, 42, 34, 8, 30, 17,
Tensile	Flat force inputs (N)	327, 274, 334, 364, 331, 336, 315, 344, 315, 253
Impact	Upright needle inputs (%)	4,00, 4,00, 4,00, 5,00, 6,00, 4,50, 4,50, 4,00, 4,00, 4,50
Impact	Flat needle inputs (%)	23,00, 24,00, 22,00, 24,00, 23,00, 23,00, 24,00, 22,00, 47,00, 24,00
Stiffness	Revolutions / degrees	1 / 105

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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