Public test session report

Extrudr DuraPro PA6 CF Black

MaterialID MAT0023

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
41

Public details
Approved

Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	25,978 MPa	9,326 MPa	0,359%	10	10/10	OK
Tensile	Flat	56,986 MPa	4,927 MPa	0,086%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	123,077 kJ/m²	68,262 kJ/m²	0,555%	10	10/10	OK
Impact	Flat	416,869 kJ/m²	71,819 kJ/m²	0,172%	10	10/10	OK
Stiffness	Three-point bend	2250,149 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	176, 235, 99, 202, 230, 220, 115, 220, 86, 106
Tensile	Flat force inputs (N)	397, 388, 404, 348, 392, 319, 338, 395, 391, 333
Impact	Upright needle inputs (%)	18,00, 6,50, 4,50, 8,00, 7,00, 7,00, 6,50, 7,00, 4,50, 4,00
Impact	Flat needle inputs (%)	21,00, 18,00, 19,00, 23,00, 24,00, 26,00, 28,00, 31,00, 27,00, 28,00
Stiffness	Revolutions / degrees	2 / 100

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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