

Public test session report

Extrudr DuraPro ABS CF Black

MaterialID MAT0002



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
33

Public details
Approved

Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	0,154 MPa	0 MPa	0%	3	3/10	OK
Tensile	Flat	7,383 MPa	2,075 MPa	0,281%	9	9/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	96,601 kJ/m ²	29,949 kJ/m ²	0,31%	10	10/10	OK
Impact	Flat	159,613 kJ/m ²	11,721 kJ/m ²	0,073%	10	10/10	OK
Stiffness	Three-point bend	2795,64 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	1, 1, 1, , , , , ,
Tensile	Flat force inputs (N)	35, 58, 62, 70, 28, 43, 40, 51, 45,
Impact	Upright needle inputs (%)	5,00, 5,00, 7,00, 6,50, 3,00, 5,50, 7,00, 3,00, 7,50, 8,00
Impact	Flat needle inputs (%)	10,00, 10,00, 10,00, 9,50, 10,00, 8,00, 9,00, 9,00, 9,00, 10,00
Stiffness	Revolutions / degrees	1 / 300

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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