

Extrudr DuraPro Emerald Green ASA Green

MaterialID MAT0014



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	8,818 MPa	1,792 MPa	0,203%	9	9/10	OK
Tensile	Flat	25,178 MPa	1,594 MPa	0,063%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	85,561 kJ/m ²	24,545 kJ/m ²	0,287%	10	10/10	OK
Impact	Flat	898,254 kJ/m ²	70,287 kJ/m ²	0,078%	10	10/10	OK
Stiffness	Three-point bend	2005,568 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	72, 41, 75, 55, 55, 41, 60, 60, 57,
Tensile	Flat force inputs (N)	174, 171, 153, 161, 165, 146, 164, 175, 175, 153
Impact	Upright needle inputs (%)	5,00, 8,00, 5,50, 6,50, 5,00, 5,00, 4,00, 2,50, 4,50, 5,00
Impact	Flat needle inputs (%)	55,00, 55,00, 54,00, 63,00, 54,00, 67,00, 64,00, 51,00, 55,00, 49,00
Stiffness	Revolutions / degrees	2 / 200

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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