

Public test session report

FilaFarm Standard ABS Orange

MaterialID MAT0007



3DP Iceland Labs

Generated with 3DP Iceland 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
20

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	21,648 kJ/m ²	15,907 kJ/m ²	0,735%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Flat	806,778 kJ/m ²	47,632 kJ/m ²	0,059%	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 (%)	1,00, 1,00, 1,00, 1,00, 4,00, 1,00, 1,00, 1,00, 1,00, 1,00
Impact	Flat needle inputs (%)	52,00, 44,00, 49,00, 48,00, 56,00, 50,00, 50,00, 52,00, 49,00, 45,00
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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