

Prima Creator PrimaSelect ABS Blue

MaterialID MAT0004



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 39	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	2,038 MPa	1,315 MPa	0,645%	8	8/10	OK
Tensile	Flat	30,1 MPa	5,616 MPa	0,187%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	147,65 kJ/m ²	18,124 kJ/m ²	0,123%	10	10/10	OK
Impact	Flat	889,839 kJ/m ²	35,65 kJ/m ²	0,04%	10	10/10	OK
Stiffness	Three-point bend	2027,607 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	31, 8, 12, 10, 21, 11, 7, 6, ,
Tensile	Flat force inputs (N)	190, 239, 222, 145, 213, 195, 214, 230, 126, 183
Impact	Upright needle inputs (%)	7,00, 9,00, 10,00, 9,50, 9,50, 7,50, 9,00, 8,00, 8,00, 10,00
Impact	Flat needle inputs (%)	57,00, 55,00, 60,00, 53,00, 60,00, 56,00, 51,00, 57,00, 54,00, 55,00
Stiffness	Revolutions / degrees	2 / 190

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](#)

reports/test-sessions/MAT0004/

