

Prima Creator PrimaValue PLA High Speed Gray

MaterialID MAT0101



3DPiceland Labs
Generated with 3DPiceland Engineering Platform v60.0.6
WORKFLOW-RELIABILITY - Bug Fixes and Workflow
Reliability
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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	8,959 MPa	3,324 MPa	0,371%	8	8/10	OK
Tensile	Flat	39,452 MPa	3,292 MPa	0,083%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	261,776 kJ/m ²	30,534 kJ/m ²	0,117%	10	10/10	OK
Impact	Flat	967,106 kJ/m ²	34,274 kJ/m ²	0,035%	10	10/10	OK
Stiffness	Three-point bend	2277,929 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	55, 61, 65, 26, 93, 53, 78, 35, ,
Tensile	Flat force inputs (N)	242, 267, 259, 286, 278, 257, 264, 229, 266, 217
Impact	Upright needle inputs (%)	15,00, 18,00, 13,00, 13,00, 17,00, 17,00, 15,00, 15,00, 17,00, 14,00
Impact	Flat needle inputs (%)	65,00, 66,00, 60,00, 60,00, 65,00, 57,00, 60,00, 66,00, 63,00, 62,00
Stiffness	Revolutions / degrees	2 / 90

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/MAT0101/