

Prima Creator PrimaSelect Warm Gray PLA Matte Gray

MaterialID MAT0072



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 36	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	2,707 MPa	1,453 MPa	0,537%	5	5/10	OK
Tensile	Flat	26,44 MPa	4,948 MPa	0,187%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	233,413 kJ/m ²	12,325 kJ/m ²	0,053%	10	10/10	OK
Impact	Flat	369,751 kJ/m ²	16,19 kJ/m ²	0,044%	10	10/10	OK
Stiffness	Three-point bend	2460,163 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	21, 8, 11, 32, 16, , , , ,
Tensile	Flat force inputs (N)	172, 176, 187, 129, 210, 195, 126, 220, 148, 156
Impact	Upright needle inputs (%)	13,00, 13,00, 14,00, 13,00, 14,00, 13,00, 14,00, 14,50, 14,00, 15,00
Impact	Flat needle inputs (%)	20,00, 22,00, 20,00, 22,00, 22,00, 22,00, 22,00, 23,00, 22,00, 22,00
Stiffness	Revolutions / degrees	2 / 30

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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