

Eryone Standard Radiant Gold PLA Silk Yellow

MaterialID MAT0219



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	2026-07-31
Impact	2026-08-01
Stiffness	2026-07-31

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	2,666 MPa	1,154 MPa	0,433%	6	6/10	OK
Tensile	Flat	29,5 MPa	10,289 MPa	0,349%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	82,142 kJ/m ²	14,279 kJ/m ²	0,174%	10	10/10	OK
Impact	Flat	211,935 kJ/m ²	19,197 kJ/m ²	0,091%	9	9/10	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)	16, 21, 28, 21, 9, 9, , , ,
Tensile	Flat force inputs (N)	241, 183, 277, 145, 72, 214, 236, 135, 270, 145
Impact	Upright needle inputs (%)	4, 4, 4, 5, 6, 4,5, 5, 5, 5, 6,5
Impact	Flat needle inputs (%)	10, 12, 12,5, 12, 13, 13, 13, 13, 14,
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/MAT0219/