

Eryone Standard Black PA12 CF Black

MaterialID MAT0214



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	2026-08-01
Impact	2026-08-01
Stiffness	2026-08-01

Status Complete	Result modules 3/3	Specimen/result records 41	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	4,337 MPa	2,458 MPa	0,567%	10	10/10	OK
Tensile	Flat	64,323 MPa	6,022 MPa	0,094%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	161,328 kJ/m ²	14,235 kJ/m ²	0,088%	10	10/10	OK
Impact	Flat	749,286 kJ/m ²	37,669 kJ/m ²	0,05%	10	10/10	OK
Stiffness	Three-point bend	2674,09 MPa	n/a	n/a	1	Complete	OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	18, 18, 48, 38, 20, 26, 50, 9, 46, 9
Tensile	Flat force inputs (N)	428, 420, 436, 435, 445, 474, 441, 378, 384, 341
Impact	Upright needle inputs (%)	9, 10, 9, 10, 9,5, 8, 10, 9, 10, 11
Impact	Flat needle inputs (%)	48, 43, 43, 45, 47, 45, 45, 48, 49, 41
Stiffness	Revolutions / degrees	1 / 330

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/MAT0214/