

Extrudr DuraPro ABS Blue

MaterialID MAT0005



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 41	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	2,769 MPa	1,85 MPa	0,668%	10	10/10	OK
Tensile	Flat	23,563 MPa	6,323 MPa	0,268%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Upright	134,012 kJ/m ²	26,151 kJ/m ²	0,195%	10	10/10	OK
Impact	Flat	812,863 kJ/m ²	31,744 kJ/m ²	0,039%	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)	22, 5, 13, 14, 22, 14, 6, 38, 38, 8
Tensile	Flat force inputs (N)	139, 184, 181, 195, 218, 104, 160, 128, 92, 131
Impact	Upright needle inputs (%)	7,00, 7,50, 9,00, 8,00, 8,50, 9,50, 4,50, 9,50, 7,00, 9,00
Impact	Flat needle inputs (%)	51,00, 50,00, 50,00, 51,00, 45,00, 50,00, 51,00, 53,00, 51,00, 47,00
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/MAT0005/