

Winkle Standard PLA HD Blue

MaterialID MAT0120



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 Partial	Result modules 1/3	Specimen/result records 20	Public details Approved
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Specimen and result quality

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Upright	n/a	n/a	n/a	0	n/a	OK
Tensile	Flat	n/a	n/a	n/a	0	n/a	OK
Impact	Upright	33,343 kJ/m ²	15,797 kJ/m ²	0,474%	10	10/10	OK

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Impact	Flat	98,232 kJ/m ²	9,84 kJ/m ²	0,1%	10	10/10	OK
Stiffness	Three-point bend	n/a	n/a	n/a	0		OK

Recorded native inputs

Module	Input set	Recorded values
Tensile	Upright force inputs (N)	, , , , , , , ,
Tensile	Flat force inputs (N)	, , , , , , , ,
Impact	Upright needle inputs (%)	1,00, 1,00, 2,50, 1,50, 2,50, 1,00, 2,00, 2,50, 4,00, 2,00
Impact	Flat needle inputs (%)	6,00, 6,00, 5,00, 6,00, 6,00, 7,00, 6,00, 5,50, 5,00, 6,00
Stiffness	Revolutions / degrees	

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/MAT0120/