

Public test session report

3DTech Themax 3DTech Themax PES PES Natural

MaterialID MAT0269



3DP Iceland Labs

Generated with 3DP Iceland Engineering Platform v70.0.4

DIRECT-IMPACT-METHODOLOGY - Izod and Charpy

Methodology

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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
Izod	Not recorded
Charpy	Not recorded
Stiffness	Not recorded

Rigid test status
No native results

Rigid result
modules
0/6

Rigid
specimen/result
records
0

Public details
Approved

Rigid 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

Module	Orientation	Average	Std. dev.	CV	Specimens	Confidence	Validation
Tensile	Flat	n/a	n/a	n/a	0	n/a	OK
Impact	Upright	n/a	n/a	n/a	0	n/a	OK
Impact	Flat	n/a	n/a	n/a	0	n/a	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 (%)	
Impact	Flat needle inputs (%)	
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](#)

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