

Creator 5 Pro mixed TPU-and-PLA cube test

3DP-007 / REV A / 2026.09.01

This test keeps the TPU/PLA combination as its own record. It is useful for documenting tool assignment, adhesion, transition quality, purge behavior, and whether the finished cube separates or distorts.

STATUS	Recovered/Partial
CLASSIFICATION	3DP
MATERIAL	3D PRINT / MAKER
DISPOSITION	PUBLIC / RECOVERED/PARTIAL
CATEGORY	3D Printing
RECORD TYPE	project

TECHNICAL NOTES

Mixed-material cube test used to observe transitions between flexible and rigid filament.

GOAL

Characterize a mixed TPU-and-PLA process before applying it to a larger object.

EQUIPMENT

- Creator 5 Pro
- 0.4 mm nozzle
- Prime tower

MATERIALS

- TPU 95A
- PLA

METHOD / STEPS

1. Dry and label both materials.
2. Assign each slot and keep the tower enabled.
3. Print the small test cube.
4. Inspect bond, stringing, purge, and dimensional result.

RESULT / WHERE THIS STANDS

Recovered/partial test record; detailed measurements remain a future retest.

TROUBLESHOOTING

- If the tower is unstable, stop and verify material assignment and purge behavior.
 - If the bond is weak, treat the combination as experimental.
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SPECIFICATION

PRINTER	Creator 5 Pro
MATERIAL	TPU / flexible filament
FOCUS	First layer, dimensions, surface, and function
VALIDATION	Small test print before release

DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

RELEASED MATERIAL / SOURCE LINKS

3dp-007-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/3dp-007-public-summary.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/3DP-007>
