

TPU 95A drying and stringing diagnosis

3DP-012 / REV A / 2026.09.01

The record separates material conditioning from speed, travel, and retraction changes. Dry the material first, then change one variable at a time so a stringing improvement can be attributed to a real cause.

STATUS	Needs Retest
CLASSIFICATION	3DP
MATERIAL	3D PRINT / MAKER
DISPOSITION	PUBLIC / NEEDS RETEST
CATEGORY	3D Printing
RECORD TYPE	project

TECHNICAL NOTES

TPU 95A drying and stringing diagnosis with an ordered retest path.

GOAL

Reduce TPU stringing without hiding the effect of moisture or excessive travel.

EQUIPMENT

- Creator 5 Pro
- Drying setup
- Calibration model

MATERIALS

- TPU 95A

METHOD / STEPS

1. Verify dryness and record how it was achieved.
2. Run a controlled temperature/speed test.
3. Reduce open-air travel where practical.
4. Tune retraction only after the earlier checks.
5. Save the successful project with the material identity.

RESULT / WHERE THIS STANDS

Needs retest; no universal TPU values are claimed.

TROUBLESHOOTING

- Wet filament can imitate a retraction problem.
- Changing several variables at once makes the result difficult to trust.

SAFETY / LIMITATIONS

- Follow the filament maker's drying limits and keep the material away from contamination.

SPECIFICATION

PRINTER	FDM printer / slicer
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-012-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/3dp-012-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-012>