

Mosaic Stitch

DESCRIPTION

Mosaic Stitch is a flexible, high-elasticity foaming TPU 3D printer filament with a smooth surface finish and variable density control. Used for protective packaging, case inserts, dunnage, shadow boards, and WIP trays. Supports complex geometry, multi-layer construction, and custom logos or labeling without additional tooling or minimum order quantities.

KEY FEATURES

- ✓ Highly flexible
- ✓ Durable
- ✓ Abrasion and chemical resistant

SAMPLE APPLICATIONS

- ✓ Case inserts
- ✓ Dunnage
- ✓ Shadow boarding
- ✓ WIP trays
- ✓ Premium consumer packaging



FILAMENT SPECIFICATIONS

Diameter	Tolerance
1.75 mm	+/- 0.10 mm

PRINTING GUIDELINES

Slicer Profile	Available on canvas3d.io
Nozzle Temperature	230°C
Heated Chamber	Not Required
Build Surface	Print Bed Type I
Special Considerations	Material ooze during travel movements, post print clean up required

STORAGE/HANDLING CONSIDERATIONS

Hygroscopicity	Low
Drying Temperature	N/A
Drying Time	N/A

Note: *Insert any notes here or delete if not needed*

MATERIAL PROPERTIES

Property	Standard	Typical Value
Density	ASTM D792	1.06 g/cc
Elongation at Break	ISO 527	450%
Melt Index	200°C, 2.16kgs	10.3 g/10min

Technical Point of Contact

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