

Mosaic Form

DESCRIPTION

Mosaic Form is a strong and extremely flexible material, perfect for rigid or functional orthotics and requires little post processing.

KEY FEATURES

- ✓ Strong
- ✓ Durable
- ✓ High moisture resistance
- ✓ Sandable
- ✓ Easy to print

SAMPLE APPLICATIONS

- ✓ Jigs and Fixtures
- ✓ Rigid orthotics
- ✓ Packaging



FILAMENT SPECIFICATIONS

Diameter	Tolerance
1.75 mm	+/- 0.05 mm

PRINTING GUIDELINES

Slicer Profile	Available on canvas3d.io
Nozzle Temperature	235°C
Heated Chamber	Not Required
Build Surface	Element Bed Type I, with glue stick
Special Considerations	N/A

STORAGE/HANDLING CONSIDERATIONS

Hygroscopicity	Moderate
Drying Temperature	70°C
Drying Time	5-6 hours

MATERIAL PROPERTIES

Property	Standard	Typical Value
Tensile Strength, Break	ISO 527	36.2 MPa
Tensile Modulus	ISO 527	412 MPa
Elongation at Break	ISO 527	>300%

MULTI-MATERIAL COMPATIBILITY

AUTOMATION

Same-material Automated Changeover	With Material Pod
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SUPPORTS

Same-Material Support	Yes
Compatible Soluble Materials	None
Compatible Breakaway Materials	None

CONTACT INFORMATION

Technical Point of Contact

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