

Mosaic Form

Technical Data Sheet

Compatible with Element, Element HT & Array



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

- ✓ Rigid orthotics
- ✓ Packaging
- ✓ Jigs & fixtures

Available Colors



Black

Filament Specifications

Diameter	Tolerance
1.75mm	+/- 0.05 mm

Printing Guidelines

Slicer Profile	Coming soon to 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	None
Drying Temperature	Not Required
Drying Time	Not Required

Material Properties

Property	Standard	Typical Value
Density		1.25 g/cc
Tensile Strength, Break	D638	36.2 MPa
Tensile Modulus	D638	412 MPa
Elongation at break	D638	>300%
Heat Deflection Temp.	0.455 MPa	N/A

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