3D Systems™ FabPro™ 1000 Materials

From tough engineering plastics to castable resins, FabPro materials are designed for accuracy and quality.

**FabPro Proto GRY**

A fast, general purpose plastic material ideally suited for industrial applications. The FabPro’s precision printing in this opaque gray material highlights fine features and is ready for finishing and painting, perfect for high quality prototypes and models.

**APPLICATIONS:**

- Rapid prototyping
- Design iteration
- Functional parts
- High quality prototypes (ready for finishing and painting)
- Display models (ready for finishing and painting)
FabPro Tough BLK

A durable plastic material for producing black parts for functional prototyping and production parts. Combined with the versatility, reliability and small footprint of the FabPro, this tough material provides a solution to create mechanical assemblies, fit testing prototypes and functional parts.

APPLICATIONS:

- Mechanical assembly/fit testing
- Functional testing
- Life testing
- Functional parts
- Rapid prototyping
- Design iteration
FabPro JewelCast GRN

A green material ideal for small, fine featured jewelry master patterns for gypsum investment casting applications. This material leaves minimal ash after burnout to produce superior casting quality. Create and produce custom jewelry or other investment castings that capture fine detail with a smooth surface finish.

APPLICATIONS:

- Investment casting
- Prototype pieces
- Design verification
- Fitting pieces
- Resin molds for wax cast and RTV
FabPro Elastic BLK

An elastomeric material suited for the prototyping and design of a wide variety of rubber-like parts. Combined with the FabPro 1000’s productivity and part quality, this opaque black material accelerates the design and iteration of new concepts with rubber-like prototypes for industrial and consumer goods applications.

**APPLICATIONS:**

- Design verification and validation and testing of:
  - Overmolds
  - Weather stripping
  - Seals
  - Grommets
  - Gaskets
  - Spacers and other vibration dampening components
  - Especially well-suited for compressive applications