

Subject:**Figure 4® Modular**

Five new materials for Figure 4 Modular are now available alongside a 3D Sprint™ database update:

Figure 4™ PRO-BLK 10

Figure 4™ RUBBER-BLK 10

Figure 4™ HI TEMP 300-AMB

Figure 4™ EGGSHELL-AMB 10

Figure 4™ FLEX-BLK 20

Issue:

PRO-BLK 10 is a production-grade additive manufacturing material with game-changing thermoplastic-like mechanical properties, and environmental stability of mechanical and performance properties over time.

HI TEMP 300-AMB is an industry-leading, ultra-high-temperature-resistant (HDT > 300°C), rigid plastic suitable for the harshest environments.

FLEX-BLK 20 is a flexible, high impact-resistant material for extremely durable black parts, with the look and feel of production polypropylene.

RUBBER-BLK 10 is a high-tear-strength material for production-hard, rubber-like parts with slow-rebound.

EGGSHELL-AMB 10 is a rigid plastic used to create sacrificial tooling that withstands silicone injection at high temperature and pressure, but breaks away easily.

A new 3D Sprint database update is available for customers to download that will add all of the above print materials and build styles.

Solution:

1. Ensure you have upgraded to 3D Sprint 2.12. If you have 3D Sprint set to automatically check for updates, you should be prompted to upgrade upon opening the application. If you have automatic updates turned off, go to 3D Sprint settings to turn this function on. Alternatively, you can visit [this page](#) to download the update.
2. Download and install the database update, according to the [instructions in the User Guide](#).
3. Ensure you read the following updated sections of the printer's User Guide, as they provide vital information for printing, cleaning, and post-curing your parts:
 - a) [Figure 4 Material Cartridges](#)
 - b) [Premix Resin Before Cartridge Installation](#)
 - c) [Resin Tray Material Cross-Usage](#)
 - d) [Figure 4 Cleaning Charts](#)
 - e) [Material Curing Chart](#)
 - f) [Best Practices](#)
 - g) [Clean Resin Tray for RUBBER-BLK 10](#)
4. Ensure that you visit [this page to view helpful videos](#) on 3D Sprint usage for Figure 4.