

Makerbot Replicator (5th Gen) 3D Printer

BARNEYARTLABS.COM

Any questions please email paula.rondon@nyu.edu

SPECIFICATIONS

- **Build Volume**
295mm L x 195mm W x 165mm H [11.6 in x 7.6 in x 6.5 in]
- **Filament**
1.75 PLA (biodegradable)
- **Layer Resolution**
100 microns [.1 mm] [0.0039 IN]
- **Accepted File Formats**
.stl, .obj
- **Printing Software**
MakerBot Print Software

TIPS AND RECOMMENDATIONS

- Check the file for errors using the Netfabb software or Magics software
- Load the filament before each print (ask the printer to load even if the filament you want is already loaded in order to clear out the nozzle)
- DO NOT TOUCH the build plate. Oils from your hands will encourage objects to peel from the build plate
- Print standard quality (.2mm layer thickness) or high quality (.1mm layer thickness) but do NOT print low quality (.3mm layer thickness)
- Always print with rafts
- Watch and be present for the first 20% of each 3d print. Check for layer adhesion and curling. Cancel the job if the 3d print begins to fail.