

Materials List for

Interactive Molecular Model Assembly with 3D Printing

Elham Fazelpour¹, Christopher J. Fennell¹

¹Department of Chemistry, Oklahoma State University

Corresponding Author	Citation	
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Materials

Name	Company	Catalog Number	Comments
ABS: Black 1.75 mm filament spool, 1 kg	MakerBot	MP01969	Obtained from reseller (B&H and/or Amazon).
ABS: Dark Gray 1.75 mm filament spool, 1 kg	Amazon	B07T6W8TRF	Obtained from reseller (B&H and/or Amazon).
ABS: White 1.75 mm filament spool, 1 kg	Hatchbox	B00J0H6NNM	Obtained from reseller (B&H and/or Amazon).
Crown Acetone, 1 Gallon	Crown	206539	Obtained from a hardwares store (Lowes).
MakerGear M2	MakerGear		This printer is more costly than inexpensive FDM printers obtainable on Amazon or other sites, but it is engineered for more consistent performance.
MakerGear M2 Dual	MakerGear		This model printer is no longer available for purchase. It has been replaced with a new model that has independent dual extruders.
Multi-Surface 1.88-in Painters Tape	3M	116480	Obtained from a hardwares store (Lowes).
PETG: Pink 1.75 mm filament spool, 1 kg	Amazon		Obtained from reseller (B&H and/or Amazon). No longer available from this company.
PETG: White 1.75 mm filament spool, 1 kg	Amazon		Obtained from reseller (B&H and/or Amazon). No longer available from this company.
PLA: Black 1.75 mm filament spool, 2 lb	MakerBot	MP05775	Obtained from reseller (B&H and/or Amazon).
PLA: Cool Gray 1.75 mm filament spool, 2 lb	MakerBot	MP05784	Obtained from reseller (B&H and/or Amazon).
PLA: White 1.75 mm filament spool, 2 lb	MakerBot	MP05780	Obtained from reseller (B&H and/or Amazon).
POLYIMIDE TAPE (2" ROLL)	MakerGear		Provided with the printer from MakerGear, though obtainable from a variety of sources.
Simplify3D	Simplify3D		Slicer softward used in prints. This software can be purchased from the company, or it can be purchased



from MakerGear and other 3D printer makers.