



# PC

## Polycarbonate

Polycarbonate (PC) filament is a heavy-duty thermoplastic filament and one of the most common 3D printing materials used in the 3D printing industry. Recommended for high strength applications.

*Polycarbonate should be extruded at or above 265°C. Many current 3D printer extruders are not compatible with temperatures above 250°C. Make sure your printer is capable of these temperatures or your extruder may fail.*

### Features & Benefits

Extremely strong  
Impact resistant  
Stiff and rigid 3D parts

### Users

Expert

### Available Sizes

1.75 mm  
3 mm (Filament diameter measures 2.88 mm)

### Individual Packaging Stock

1 kg reels  
5 lb reels

### On Request

0.5 kg reels  
10 lb reels (lead time maybe longer)  
15 lb reels (lead time maybe longer)  
30 lb reels (lead time maybe longer)  
Coils in various weights

### Full Box Packaging

0.5 kg reels packaged 14 to a box  
1 kg reels packaged 12 to a box  
5 lb reels packaged 6 to a box

*Each box contains the same material, size and color.  
All filaments are vacuumed sealed with desiccant.*

### Standard Colors

Black  
Blue  
Green  
Red  
White  
Yellow

### Tolerances

+ 0.003" / -0.003"

### Recommended Printer Specifications

Optimal Print Temp: 265°C – 300°C  
Optimal Bed Temp: 110°C – 120°C

### Quality

All Keene Village Plastics 3D printer filaments are manufactured in Barberton, Ohio, USA with top quality raw materials and **3-Axis** laser-controlled precision providing the highest class of products for the 3D printing industry.



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