



**kexcelled**  
the key to excellence

**1/7**

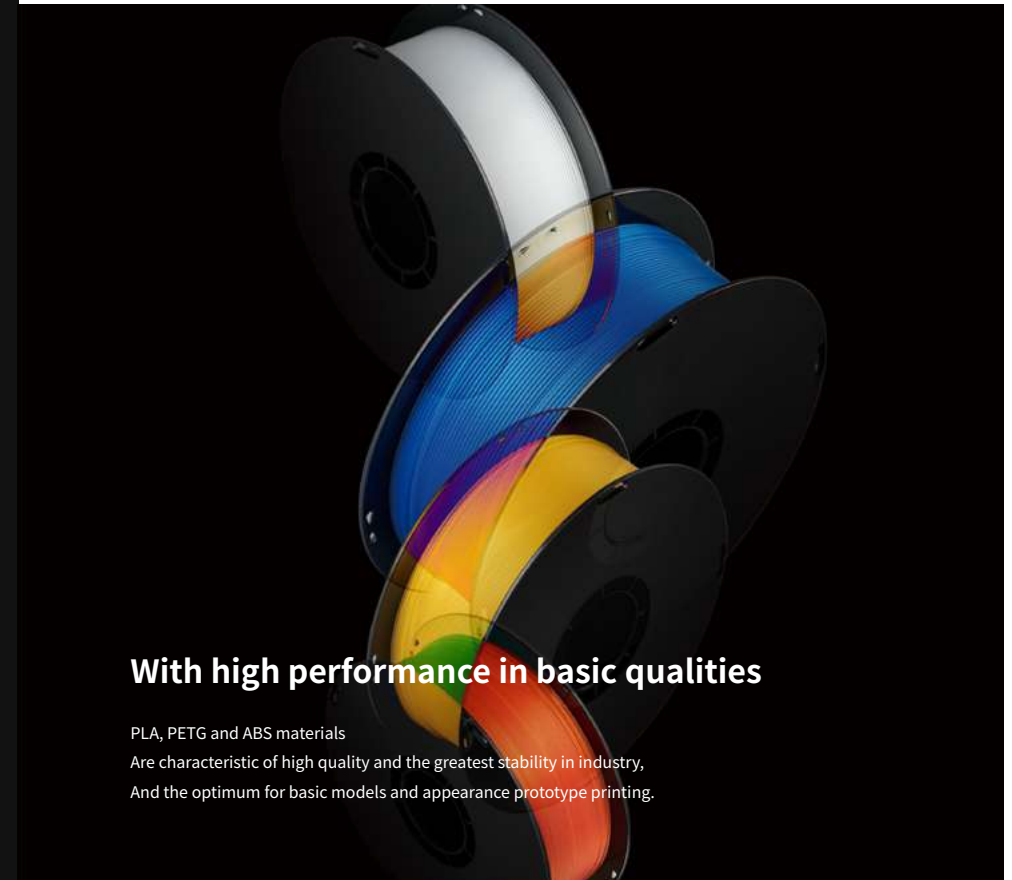
**PRODUCT  
CATALOG**

**FDM**

**BASIC SERIES**



# BASIC SERIES



**With high performance in basic qualities**

PLA, PETG and ABS materials

Are characteristic of high quality and the greatest stability in industry,  
And the optimum for basic models and appearance prototype printing.



Tmall

Web: <https://www.kexcelled3d.com>

Tel: 0512-65801831



**3D PRINTING**  
filament / photopolymer resin / accessory





03

PLA K5



06

PLA K5T



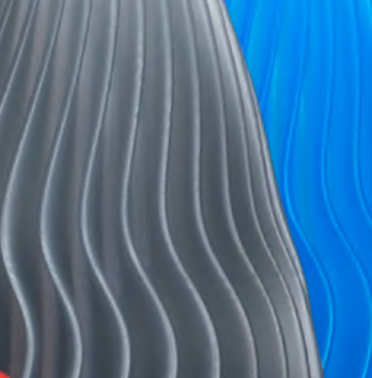
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ABS K5



09

ABS K5T



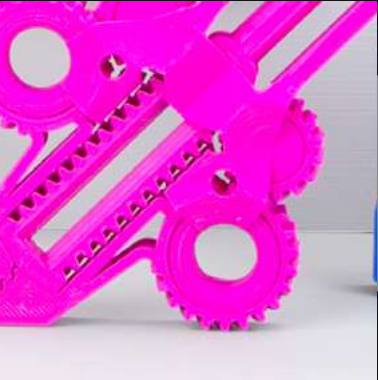
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PETG K5



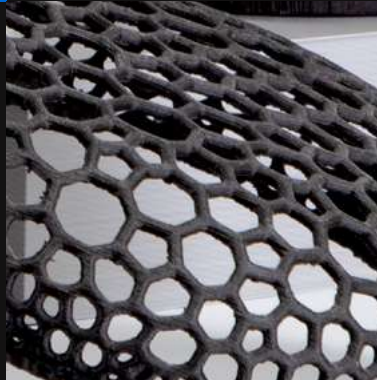
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PETG K6



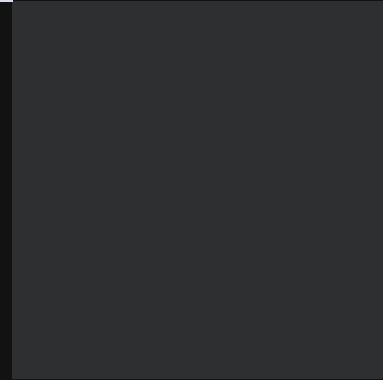
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PLA K6

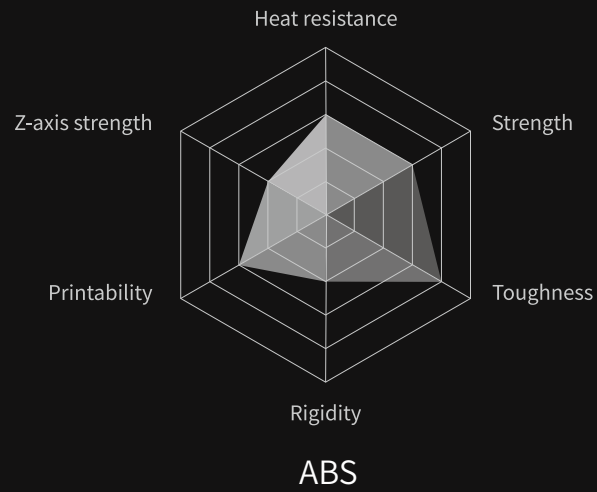
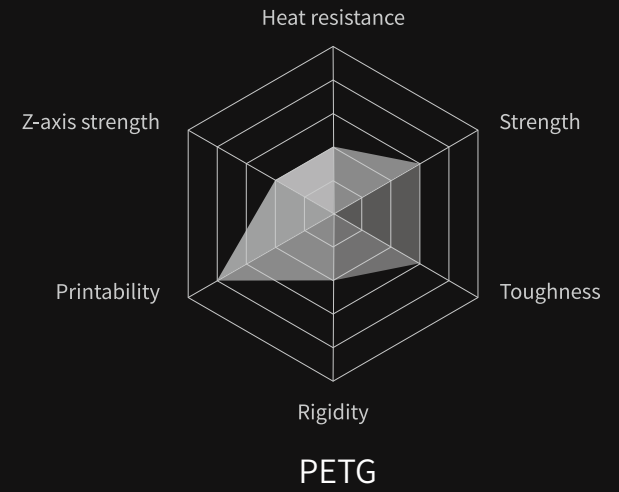
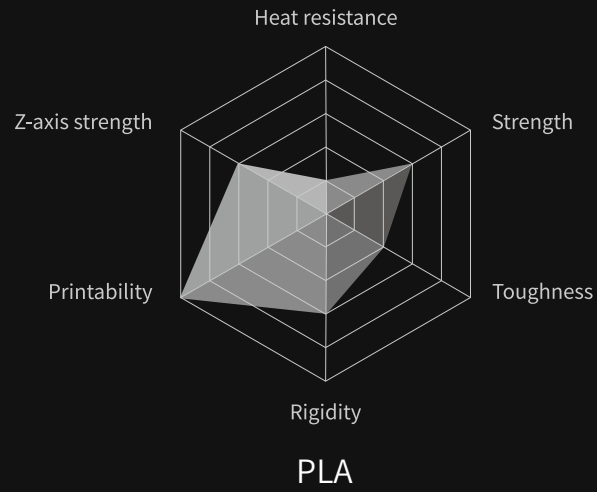


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PLA K6CF



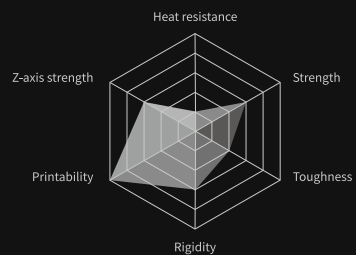
# Comparison of Materials' Properties



# PLA K5

- Great stability
- Colorful
- Wide application
- High toughness

PLA K5 is characteristic of high all-round performance, a wide range of printing temperatures and speeds, great stability, no warping and deformation, applicable to a variety of mainstream printers.

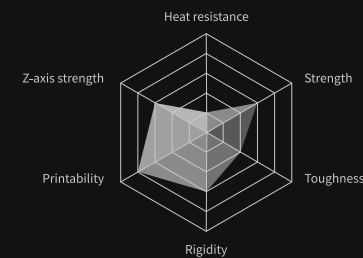




# PLA K5T

- High transparency
- Improved toughness
- Candy-color scheme
- Good interlayer adhesion

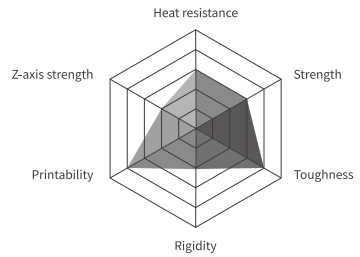
As a transparent material, PLA K5T is improved to be less fragile than other transparent PLA, while inherits PLA materials' environmental friendliness and printability.



# ABS K5

- Low odor
- Good interlayer adhesion
- Less prone to warp
- High mechanical properties

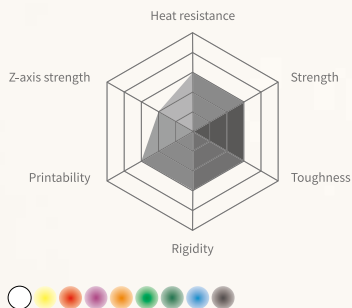
ABS K5 is characteristic of low odor emission and shrinkage. It improves typical ABS materials' warping and cracking, while inherits their high mechanical performance.



# ABS K5T

- Low odor
- Less prone to warp
- High transparency
- Smooth printing

ABS K5T is a high-transparency material. It is characteristic of high transparency, toughness and heat resistance.



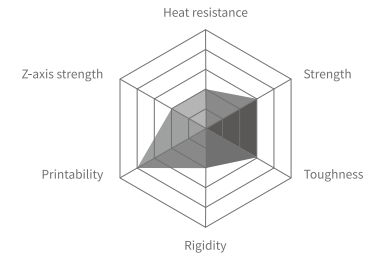




# PETG K5

- Easy to print
- Resistance to low temperature
- Chemical resistance
- Environmental friendly

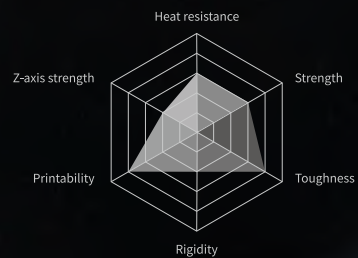
As an upgraded PETG material, PETG K5 is characteristic of easy printability as PLA materials, high toughness, resistance to heat and weathering.



# PETG K6

- High toughness
- Food contact material
- High transparency
- Similar printing experience as PLA

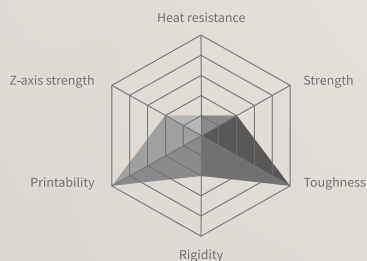
As an upgraded PETG material, PETG K6 is characteristic of high mechanical properties and temperature resistance, food contact property, and HDT to 100°C.

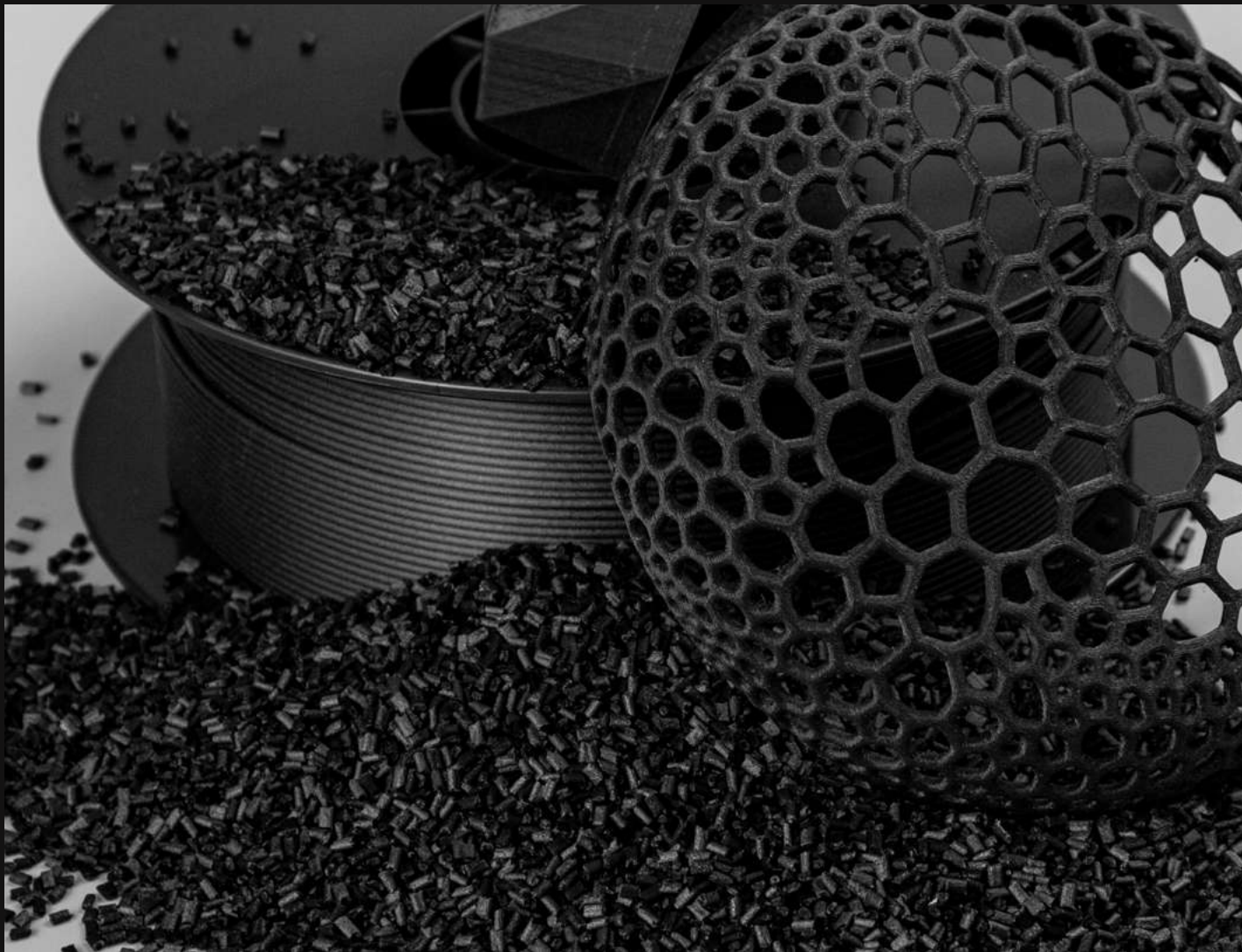


# PLA K6

- Less prone to warp
- Great stability
- High toughness
- Good interlayer adhesion

As an upgraded high-toughness PLA material, PLA K6 possesses higher charpy impact strength than ABS, while inherits advantages of PLA material printing, such as easy to print, high interlayer adhesion.





# PLA K6CF

- No blocking
- Less prone to warp
- Improved strength
- Introductory carbon fiber composite material

As a carbon fiber composite based on PLA materials, PLA K6CF significantly increases rigidity and strength, while inherits advantages of PLA material printing, such as easy to print and high interlayer adhesion.

