







Materials	Z-ABS	Z-ULTRAT	Z-GLASS	Z-HIPS	Z-PETG	Z-PCABS
Colours						
Features	Economical material available in many colors, proper for making concept models, gadgets, figurines and mockups.	Durable thermoplastic, suitable for prototyping mechanical parts, architectural models and design prototypes.	Elastic, extensible, warp-resistant thermoplastic copolyester, mixed with glass fiber, for printing translucent pieces. Hotend V2 is required for this material.	High-impact, warp-resistant thermoplastic polymer for prototyping larger, more advanced pieces.	Material highly resistant to salts, acids and alkalis which makes it ideal for creating mechanical parts exposed to chemicals. Z-PETG is physically durable, great for prototyping diverse and demanding elements.	This strong and durable material performs well at high and low temperatures. Use it to create functional prototypes, automotive parts or cases.
Support material structure	Printed with the same material, mechanically removed					
Hardware requirements	No	No	Hotend V2	No	Hotend V2	No
Surface	Mat	Semi-mat	Gloss and translucent	Mat	Gloss	Semi-mat
Hardness	Medium	High	Medium	Low	Medium	High
Elasticity	Medium	Medium	High	Medium	High	Medium
Impact strength	Medium	Medium	Medium	High	Medium	Medium
Tensile	Low	Low	High	High	High	High
Shrinkage	Medium	Low	Very low	Very low	Very low	High
Mechanical treatment	Yes	Yes	Yes	Yes	Yes	Yes
Chemical treatment	Yes	Yes	No	No	No	Yes
Resistance to	-	-	Salts/Acids/Alkalis	Solvents	Salts/Acids/Alkalis	Temperatures