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CHALLENGE.



zortrax

Zortrax M series **MATERIALS** comparison.

MATERIAL	Z-ESD	Z-PLA Pro	Z-ASA Pro	Z-HIPS	Z-GLASS	Z-PETG	Z-ULTRAT	Z-PCABS	Z-ABS
dedicated to	Zortrax M200 and Zortrax M300						Zortrax M200		
type	spool								
technology	LPD								
support material structure	printed with the same material, mechanically removed								
hardware requirements	Hotend V2	Hotend V2	Hotend V2	×	Hotend V2	Hotend V2	×	×	×
surface	semi-mat	mat	semi-mat	semi-mat	gloss and translucent	gloss	semi-mat	semi-mat	mat
hardness	high	high	medium	medium	very high	medium	very high	medium	medium
elasticity	medium	low	medium	high	very high	very high	medium	high	low
impact strength	high	low	high	medium	medium	high	high	very high	medium
tensile strength	high	medium	medium	medium	very high	high	medium	high	medium
shrinkage	very low	very low	low	low	low	low	medium	high	high
mechanical treatment	✓	✓	✓	✓	✓	✓	✓	✓	✓
chemical treatment (acetone)	×	✓	×	×	×	×	✓	×	✓
resistance to	salts acids alkalis	—	UV chemicals weather	—	salts acids alkalis	salts acids alkalis	—	temperatures	—



NOTE

Final results of 3D printed models depend on many factors such as: proper preparation of a 3D model for 3D printing, selecting optimal type of material, selecting optimal settings in Z-SUITE software, maintenance and calibration of the 3D printer, proper preparation and calibration of the platform, use of side covers. Zortrax S.A. is not responsible for any damage of machines and low printing quality caused by the use of different materials than authorized by Zortrax S.A. Color of the materials presented in the offer may differ depending on the way of presentation (screen settings, type of print or paper), production batch or way of storage (exposition to light or other external factors). Materials should be stored in its original packaging (foil protecting from light and moisture) before they are used.