

PRIMAVALUE™

ABS

Why should I use Value™ ABS?

- Good impact strength
- Full spool with 1 Kg filament.
- Good layer adhesion
- Higher melting point than PLA



* Please see our website for latest options and colors available.



PrimaValue™ ABS

Value™ABS (Acrylonitrile Butadiene Styrene) is a material that is widely used in both industry and as filament for 3D – printers. It's strong, light weight and very durable. The well-known Lego blocks are made from ABS and as you know that is a very high impact resistant piece of material and the same goes for Value™ABS.

Value™ABS is a very "easy to use" material and has a matte surface finish when printed. This ABS also has limited risk of warping when comparing to other brands of filament. Value™ABS comes in selected base colors that are all based on the RAL color system which in turns guarantees that you will get the same color every time you order a new spool.

Dimensions

Size:	Ø tolerance	Roundness
1,75 mm	±0,05 mm	≥ 95 %
2,85 mm	±0,10 mm	≥ 95 %

Physical properties

Description:	Testmethod	Typical value
Specific gravity	ASTM D792	1,03 g/cc
MFR 220 °C/10kg	ASTM D1238	8,0 g/10 min
Tensilestrength	ISO 527	42 Mpa
Tensilemodulus	ASTM D638	2000 Mpa
Impact strength Izod method 23 °C	ISO 180/A	34 KJ/m²

Thermal properties

Description:	Testmethod	Typical value
Printing temp.	–	220-270 °C
Melting temp.	ISO 294	245 °C ± 10 °C
Vicat softening temp.	ISO 294	±103 °C