

# PC-ABS V0

PC-ABS V0 is a halogen free flame retardant filament meeting the UL-94 V0 standard. Even though the high content of PC, for superb interlayer adhesion and dimensional accuracy, PC-ABS V0 still prints at ABS-like temperatures. A perfect solution in case self extinguishing properties are required for your printed objects.

## Material features:

- Flame retardant (UL-94 V0)
- Halogen free
- Superb interlayer adhesion
- High surface gloss
- Stable printing process



## Colours:

PC-ABS V0 is available from stock in 1 colour. Other colours on request

bk1

## Packaging:

PC-ABS V0 is available in nearly any type of packaging and labelling. Ask our team to help you customizing your product.

### Filament specs.

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

### Material properties

Description	Testmethod	Typical value
Specific gravity	ISO 1183	1,18 g/cc
MFR 260°C/5 kg	ISO 1133	N.D.
Yield Stress	ISO 527	65,1 Mpa
Strain at break	ISO 527	62%
E- modulus	ISO 527	2400 Mpa
Printing temp.	DF	260±10°C
Vicat Softening Temp.	ISO 306	110°C
Flammability-rating	UL-94	V0

## Additional info:

Recommended temperature for heated bed is +100°C. We recommend kapton and / or pva glue stick for adhesion.

PC-ABS V0 can be used on all common desktop FDM or FFF technology 3D printers.

Storage: Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly.