



3D Printing Solutions

PC-ABS V0

PC-ABS V0 0-HAL 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.

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.



Packaging:

PC-ABS V0 is supplied in plastic bag and custom box. Deliverable in different sizes:

- 750 gram
- 2,3 kg
- 4,5 kg
- 8,5 kg

Filament specs.		
Size	Øtolerance	Roundness
2,85 mm	± 0,10 mm	>95%

Material properties		
Description	Test method	Typical value
Specific gravity	ISO 1183	1,18 g/cc
MFI 260°C (5kg)	ISO 1133	N.D.
Yield stress	ISO 527 50mm/min	65,1 Mpa
Strain at break	ISO 527 50mm/min	62%
Tensile (E) modulus	ISO 527 1mm/min	2400 MPa

Impact strength Charpy method 23°C	ISO 180-1A	12,5 KJ/m2
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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.

Size and pricing

All prices shown are exclusive of VAT.

Pricing	
Size	Price excl. BTW
750 gram	€ 49,50
2,3 kg	€ 132,50
4,5 kg	€ 238,95
8,5 kg	€ 410,95