



3D Printing Solutions

ASA-X

ASA-X is our highly modified “industrial-grade” ASA filament with many features like UV resistance, zero warp technology and excellent mechanical properties. ASA-X is the perfect replacement when you require a performance material without the problems that can arise during printing with, for example, ABS. ASA-X not only has great strength and interlayer adhesion but also features one of the best aesthetics possible with FDM 3D printing. The reliable bed adhesion will ensure a smooth printing experience. ASA-X is perfect when you are looking for beautiful and strong prints that also last outside.

Features:

- UV / Weather resistant
- Zero warp technology
- Excellent interlayer adhesion
- Great strength & aesthetics
- Reliable bed adhesion (Glass, tape & other adhesives)

Colours:

ASA-X is available from stock in 7 colours.



Packaging:

ASA-X 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	1,11 g/cc
MFR 260°C (5kg)	ISO 1133	45 gr/10min
Yield stress	ISO 527 50mm/min	47,5 Mpa

Strain at break	ISO 527 50mm/min	15%
Tensile (E) modulus	ISO 527 1mm/min	2020MPa
Impact strength Charpy method 23°C	ISO 179	18 KJ/m2
Specific gravity	ISO 1183	1,11 g/cc
MFR 260°C (5kg)	ISO 1133	45 gr/10min
Yield stress	ISO 527 50mm/min	47,5 Mpa

Additional info:

Recommended temperature for heated bed is \pm 80-90°C. ASA-X is printed at high temperatures to make the final product extra strong. ASA-X can be used on all common desktop FDM or FFF technology 3D printers.

Storage:

Cool and dry (15-25°C). This enhances the shelf life significantly.

Size and pricing

All prices shown are exclusive of VAT.

Pricing	
Size	Price excl. BTW
750 gram	€ 29,95
2,3 kg	€ 75,95
4,5 kg	€ 136,95
8,5 kg	€ 234,95