

# SELECT™

## ASA+

### Why should I use SELECT™ ASA+?

- UV Resistant – 10x better than ABS makes ASA+ perfect for parts to be used outside
- Good chemical resistance and long term-heat resistance
- High outdoor weatherability; it retains gloss, color, and mechanical properties in outdoor exposure
- Very nice matte finish with good interlayer adhesion for maximum strength



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



### SELECT™ ASA+

Beat harsh conditions with PrimaSelect ASA+ filament. Especially developed to be used in demanding environments where you need UV and water resistance, thermal stability and improved chemical resistance.

So if you are looking for a tougher replacement to ABS you have found it!



**PRIMA™**  
-CREATOR-

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## ASA+



### INFORMATION:

Beat harsh conditions with PrimaSelect ASA+ (Acrylonitrile Styrene Acrylate) filament. Especially developed to be used in demanding environments where you need UV and water resistance, thermal stability and improved chemical resistance.

So if you are looking for a tougher replacement to ABS you have found it! ASA+ has a low-gloss matte finish which makes it perfect for technical prints where you really need to see all the details.

#### UV Resistant

ASA+ can withstand UV light 10x better than ABS and this makes ASA+ perfect for parts to be used outdoors where it will be exposed to the sun.

#### Toughness

Higher long-term heat resistance, and better chemical resistance. ASA+ is significantly more resistant to environmental stress than most other materials and that is why it has been used in the auto and marine industry for many years.

#### Printing with it

If you can print ABS you can print ASA+. Prints with temperature around 230 - 255 °C with your heatbed set to 80 - 100 °C.

#### Applications

Perfect for applications like, automotive parts, outdoor furniture, technical parts, sensor housings or just on prints where you don't want a glossy surface.

Tip If you print at the higher end of the temperature scale you will have a stronger finished product.

### 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	ISO 1183	1,10g/cc
MFR 260°C / 5kg	ISO 1133	45 g/10 min*
Tensile strength	ISO 527	48 MPa
Elongation at break	ISO 527	15 %
Tensile modulus	ISO 527	2020 MPa
Impact strength – Charpy notched 23°C	ISO 179	18 KJ/m²

### Thermal properties

Description:	Testmethod	Typical value
Printing temp.		230 - 255 °C
Printbed Temperature	Recommended	80 - 100 °C
Melting temp.	ISO 294	228°C ±10°C
Vicat softening temp.	ISO 306	98°C+

Reseller: