

ASA

Our ASA is a high-quality, environmentally friendly material that is produced in Europe from recovered industrial waste.

We take great care to produce consistent, high-quality content that you will enjoy.

Due to its longevity and good weather resistance ASA is ideal for printing parts for outdoor applications exposed to direct sunlight.

Material properties

Properties	FDM H	Injection		method
Tensile strength	36	45	MPa	ISO 527
Elongation at break	15	20	%	ISO 527
Flexural strength		60	MPa	ISO 178
Flexural modulus		2200	MPa	ISO 178
Izod Impact strength notched	8,5	12	kJ/m ²	ISO 180
Izod Impact strength unnotched	35	62	kJ/m ²	ISO 180
HDT A		91	°C	ISO 75

Print settings

Print temperature	260°C ± 10
Bed temp	110°C ± 10
Printing surface	textured PEI sheet
Fan speed	max 15%

Storage and drying

Store between 18 to 25 °C in a dry area, away from sunlight. Keep sealed in an air tight container, away from humidity. Pre-dry material for 3-4 hours at max 60°C.

CO₂ equivalent

Producing our recycled material needs 60% less CO₂ equivalent compared to virgin material.

Disclaimer

Although accurate, the data provided is not binding and do not constitute a formal warranty. It is supplied as a guide for customers regarding the correct use of the product.

test objects

How are the test objects made and how to print them to replicate the objects