

# 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	-	12	kJ/m <sup>2</sup>	ISO 180
Izod Impact strength unnotched	35	62	kJ/m <sup>2</sup>	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.

## CO<sub>2</sub> equivalent

Producing our recycled material needs 60% less CO<sub>2</sub> 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.