

ZYYX proABS™



A Filament Material for the ZYYX line of 3D Printers

The ZYYX proABS™ is our ABS blend that performs well with our build plate due to the polymer mix. Our proABS is excellent for printing prototypes or production parts that are exposed to medium mechanical stress, or prototypes that will be injection moulded in ABS. Please note that larger ABS objects may subject to warping.

The surface of a ZYYX proABS print will be matte.



Technical Data - proABS™

Property	Specification
Chemical name	ABS/Acrylonitrile Butadiene Styrene
Density	1.06 g/cm ³
Roll size	1.0 kg
Filament diameter	1.75 mm
Distortion temperature	73 °C
Tensile strength	40 MPa
Elongation at break	30 %
Bending strength	68 MPa
Flexural modulus	2 400 MPa
Izod impact strength	42 kJ/m ²
Typical printing shrinkage	0.5 – 0.6 % (x and y directions), 0 % (z direction)
ZYYX printer compatibility	ZYYX pro with Multi-Material Extension Kit

Colours

Colour	ZYYX Order#	Pantone Colour Code
White	FA001	n/a
Black	FA002	BLACK U
Red	FA003	485 U
Yellow	FA004	3965 U
Blue	FA005	638 U
Green	FA006	7488 U
Grey	FA007	428 U

Print examples

