

ABS-like AB001 - AB002

Photosensitive Resin for **DigitalWax®**
X Series Stereolithography Systems



Features

- High resolution
- High accuracy
- No further manual finishing needed

Hints for design

ABS-like material is designed to produce ready for use parts. The models made with ABS-like are **strong and smooth**: it is the ideal material to produce those parts which need high accuracy.

It reproduces the same feelings of the injected ABS plastics. Available in white (AB001) and grey (AB002)



Technical features of the liquid material

Environmental values for use	22°C – 27°C – max. RH 40%-60%
Appearance/colour	white (AB001), grey (AB002)
Viscosity	600-800 mPa·s at 25°C

Technical features of the resin parts after UV post-curing

Resin name	AB 001	AB 002
Elongation at break (%)	9	9
Hardness (Shore D)	83	83
Tensile Strength (MPa)	40	36
Tensile modulus (MPa)	1550	1400
Flexural Strength (MPa)	64	62
Flexural Modulus (MPa)	1410	1400
Application/Use	Functional prototypes	Functional prototypes

ABS-like is used in the whole DigitalWax® X range