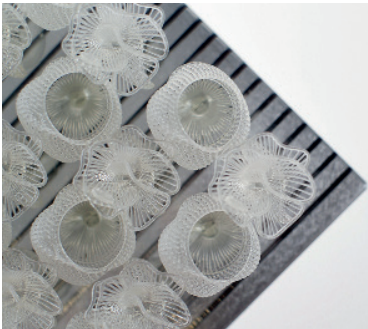


FUSIA DC400

Technical Data Sheet

TDS EN_FUSIADC400_052018



COMPLEX SHAPES AND FILIGREE

FUSIA DC400 was developed for direct investment casting of jewellery models. FUSIA DC400 allows the building of detailed parts with high quality resolution and smooth surfaces which do not require any other manual finishing.

THE FUSIA SERIES

The Fusia series includes all the materials suitable for direct casting for jewellery and they are in-house developed by DWS. FUSIA DC400, along with the materials of the Fusia Series, was developed exclusively for DWS jewellery range 3D printers.

HINTS FOR DESIGN

FUSIA DC400 is a photosensitive material for DWS stereolithography 3D printers, suitable for direct casting of jewellery models characterized by complicated shapes, thanks to its high growth factor.

FEATURES

- Complex Models
- Detailed Models
- Filigrees
- Easy to Burn Out
- High accuracy
- No further manual finishing needed
- White colour

TECHNICAL CHARACTERISTICS OF THE LIQUID MATERIAL

Environmental Values for Use	22°C - 27°C - max, RH 40% - 60%
Appearance / Colour	Liquid / White
Viscosity	300 ~ 400 mPa•s at 25°C
Density	1,08 g/cm ³

TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Surface Hardness (Shore D)	55 ~ 58
Application / Use	Direct casting

Technical specification subject to change without notice.

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