



MATERIAL FOR DETAILED MODELS

FUSIA DC300 was developed for direct investment casting of jewellery models. FUSIA DC300 allows the building of detailed parts with high quality resolution, dimensional accuracy 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. FUSIA DC300, along with the materials of the Fusia Series, was developed exclusively for DWS jewellery range 3D printers.

HINTS FOR DESIGN

FUSIA DC300 is a photosensitive material for DWS stereolithography 3D printers, suitable for direct casting of smooth and detailed jewellery models. Models made of FUSIA DC300 are perfectly stable and have accurate shapes and dimensions.

FEATURES

- Smooth surfaces
- Detailed models
- 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	400-600 mPa•s at 25°C

TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV POST-CURING

Hardness (Shore D)	64
Flexural Strength (MPa)	14.2
Flexural Modulus (MPa)	280
Application/Use	Direct casting

Technical specification subject to change without notice.