



SMOOTHNESS AND PRECISION

FUSIA DC550 allows the building of fine details and extremely smooth surfaces in order to eliminate the manual finishing and proceed immediately with the direct casting procedure according to a simple burn out cycle. FUSIA DC550 is the ideal material for special applications such stone pre-setting, micropavé, multiple parts and chains.

THE FUSIA SERIES

The Fusia series includes all the materials suitable for direct casting for jewellery and they are in-house developed. FUSIA DC550, along with the materials of the Fusia Series, was developed exclusively for DWS jewellery range 3D printers.

HINTS FOR DESIGN

FUSIA DC550 is a photosensitive material for DWS stereolithography 3D printers, suitable for direct casting of smooth and detailed jewellery models.

FEATURES

- Smooth Surfaces
- Detailed Models
- Easy to Burn Out
- High Accuracy
- No further manual finishing needed
- Light Green Colour

TECHNICAL CHARACTERISTICS OF THE LIQUID MATERIAL

Environmental Values for Use	22°C - 27°C - max, RH 40% - 60%
Appearance / Colour	Liquid / Light Green
Viscosity	400 ~ 650 mPa•s at 25°C
Density	1,08 g/cm ³

TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Surface Hardness (Shore D)	52 ~ 54
Application / Use	Direct casting

Technical specification subject to change without notice.

DWS srl

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