

# FUSIA DC500

## Technical Data Sheet

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### RESIN FOR STONE SETTING AND PAVE'

FUSIA DC500 was developed for the realization of jewellery models for direct casting. FUSIA DC500 allows the building of detailed parts with high quality resolution and smooth surfaces which do not require any other manual finishing. It is the ideal material also for stones pre-setting and micropavè.

### 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 DC500, along with the materials of the Fusia Series, was developed exclusively for DWS jewellery range 3D printers.

### HINTS FOR DESIGN

FUSIA DC500 is a photosensitive material for DWS stereolithography 3D printers, suitable for direct casting of smooth and detailed jewellery models.

### FEATURES

- Smooth Surfaces
- Detailed Models
- Solid Design
- 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 / Light Yellow
Viscosity	300 ~ 400 mPa•s at 25°C
Density	1,08 g/cm <sup>3</sup>

### 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

Via della Meccanica 21 - 36016 Thiene (VI) - Italy  
T: +39 0445 810810 - E: info@dwssystem.com - I: www.dwssystem.com

