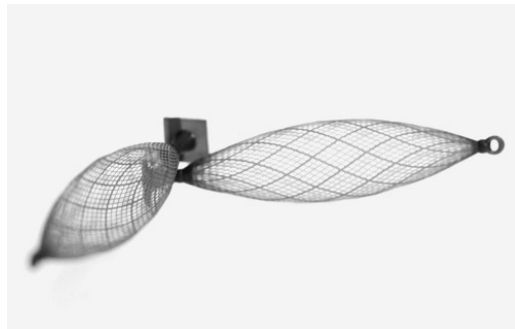


# FUSIA DC710

## Technical Data Sheet

Review: 19th February 2018



### FILIGREES AT HIGH RESOLUTION

FUSIA DC710 was specially developed for direct casting of jewellery models made by filigrees and intertwined patterns. FUSIA DC710 allows the building of detailed parts with high quality resolution, accuracy and smooth surfaces and does not require any other manual finishing. It is easy to burn out with standard investments.

### 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 DC710, along with the materials of the Fusia Series, was developed exclusively for DWS 3D printers.

### HINTS FOR DESIGN

Fusia DC710 is a photosensitive material for DWS stereolithography 3D printers, suitable for direct casting of filigrees and thin models.

### FEATURES

- Smooth surfaces
- Filigrees and fine details
- Easy to burn out
- High accuracy
- No further manual finishing needed
- Black colour

### TECHNICAL CHARACTERISTICS OF THE LIQUID MATERIAL

Environmental values for use	22°C - 27°C - max, RH 40% - 60%
Appearance/colour	Liquid/Black

### TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV POST-CURING

Hardness (Shore D)	76
Flexural Strength (MPa)	35
Flexural Modulus (MPa)	1000
Application/Use	Direct casting

Technical specification subject to change without notice.

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