

# FLEXA 693

## Technical Data Sheet

TDS EN\_FLEXA693\_102019



### THE RUBBER-LIKE MATERIAL

FLEXA 693 is a photosensitive material for DWS stereolithography 3D printers, developed for the realization of flexible, rubber like models. It is suitable for prototypes of handles, gaskets, ergonomic tests, functional parts, footwear and wearable devices.

It is available also in colour black (FLEXA 692).

### THE FLEXA SERIES

The Flexa series includes all the materials suitable for the production of flexible prototypes and models. These materials are extremely accurate and precise and were developed in-house by DWS.

FLEXA 693 was developed exclusively for DWS 3D printers.

### HINTS FOR THE DESIGN

FLEXA 693 is the ideal material for models demanding flexibility and high elongation.

FLEXA 692 was developed exclusively exclusively for DWS 3D printers XFAB 2000 e XFAB 2500SD.

UV post treatment after the print and the cleaning is not required.

### FEATURES

- Smooth Surfaces
- High Flexibility
- High Resolution and Precision
- High Accuracy

### TECHNICAL FEATURES OF THE LIQUID MATERIAL

Environmental Values for Use	22°C - 27°C - max, RH 40% - 60%
Appearance / Colour	Liquid / Light Yellow Transparent
Viscosity	2700 ~ 4100 mPa*s at 25°C
Density	1,02 g/cm <sup>3</sup>

### TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Elongation at Break (%)	25 ~ 65
Surface Hardness (Shore D)	35
Application / Use	For flexible, rubber-like models

Technical specification subject to change without notice.

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