

# FLEXA 692

## Technical Data Sheet

TDS EN\_FLEXA692\_200723



### THE RUBBER-LIKE MATERIAL

FLEXA 692 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 transparent (FLEXA 693).

### 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.

### HINTS FOR THE DESIGN

FLEXA 692 is the ideal material for models demanding flexibility and high elongation.

FLEXA 692 was developed exclusively exclusively for DWS 3D printers XFAB 2500PD.

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 / Black
Viscosity	2300 ~ 3500 mPa*s at 25°C
Density	1,02 g/cm <sup>3</sup>

### TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Elongation at Break (%)	20 ~ 80
Surface Hardness (Shore D)	27 ~ 33
Application / Use	For flexible, rubber-like models

Technical specification subject to change without notice.

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