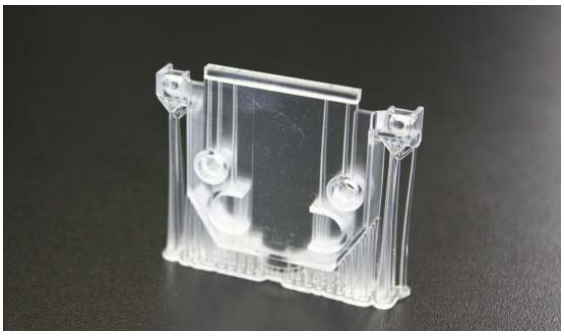
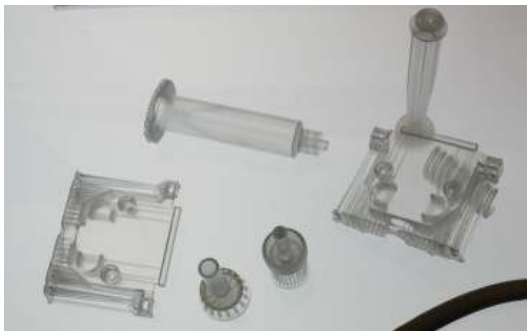
VITRA DL375

Technical Data Sheet

TDS EN_VITRADL375_102019





THE TRANSPARENT MATERIAL

VITRA DL375 is a photosensitive material for DWS stereolithography 3D printers, developed for high definition clear prototypes, liquid flow visualization and lighting.
It does not turn yellow, thanks to its special formulation.

HINTS FOR THE DESIGN

VITRA DL375 is suitable both for thin and thick models. It is the ideal material to obtain smooth and precise transparent models.

THE VITRA SERIES

The Vitra series includes all the materials suitable for the production of transparents prototypes and clear functional parts. These materials are extremely accurate and precise and were developed in-house by DWS.

FEATURES

- Smooth Surfaces
- Transparent
- Not yellowing
- 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 / Transparent
Viscosity	1000 ~ 1400 mPa•s at 25°C
Density	1,01 g/cm^3

TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Elongation at Break (%)	6 ~ 10
Tensile Strength (MPa)	45 ~ 55
Tensile Modulus (MPa)	1700 ~ 2200
Flexural Strenght (MPa)	80 ~ 105
Flexural Modulus (MPa)	2000 ~ 2500
HDT@0,46 MPa	48 ~ 52
Application / Use	Transparent Prototypes, Clear Functional Parts

Technical specification subject to change without notice.

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