



TRANSPARENT MATERIAL FOR MEDICAL IMAGING AND DIAGNOSTICS

Vitra DS2000 is a transparent material that makes it possible to display the patient's nerves position and anatomic structure for the study and planning of surgical actions.

FEATURES

- Smooth Surface
- High Resolution
- High Accuracy
- Transparent
- No further manual finishing needed

THE VITRA SERIES

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

TECHNICAL CHARACTERISTICS OF THE LIQUID MATERIAL

Environmental Values for Use	22°C - 27°C - max, RH 40% - 60%
Appearance / Colour	Liquid / Light yellow transparent
Density	1,01 g/cm ³
Viscosity	600 ~ 800 mPa*s at 25°C

TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING

Surface Hardness (Shore D)	84 ~ 88
Elongation at Break (%)	2 ~ 6
Tensile Strength (MPa)	10 ~ 50
Tensile Modulus (MPa)	690 ~ 2200
Flexural Strength (MPa)	60 ~ 95
Flexural Modulus (MPa)	1300 ~ 2400
HDT @ 1,81 MPa	48 ~ 67
Application / Use	3D Medical Imaging, Diagnostics

Technical specification subject to change without notice.