

Perfactory® Material

Clear Guide

EnvisionTEC's Clear Guide is a crystal clear material for the production of accurate drill guides on the Perfactory® line of 3D Printers. The results produced by combining Clear Guide with EnvisionTEC technology are superior to traditional methods of manufacturing implant placement guides. The clearest material available on the market today allows for maximum visibility. High resolution 3D printing allows for precisely targeted placement of implants. Finally, the cost of high quality drill guides can be dramatically lower when produced using Clear Guide on an EnvisionTEC 3D printer in comparison to previous machining methods, making EnvisionTEC the clear choice for any digital dental laboratory.

Material Properties*		
Method	Description	Value
DIN 1342-2	Viscosity	339.8 mPa*s
DIN EN ISO 527-1	Tensile Strength	51.6 MPa
DIN EN ISO 527-1	Elongation at Break	6.62%
DIN EN ISO 178	Bending Strain	8.43%
DIN EN ISO 178	Flexural Modulus	1,920 MPa
DIN EN ISO 178	Flexural Strength	88.4 MPa
DIN EN ISO 180	Izod Impact-Notched	4.99 kJ/m ²
DIN ISO 1183-1	Density	1.185 g/cm ³
DIN EN ISO 868	Hardness (Shore D)	85 Shore
DIN 53765	Glass Transmission Temperature	86 C - 160 C

*All data provided is preliminary data and must be verified by the individual user.

Recommended Machines
Perfactory® 4 DDP Series

Applications
Dental

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