MATERIAL DATA SHEET

SolFlex Comp White

SolFlex Comp White is a highly filled photosensitive composite material, specially developed for SolFlex 3D printers, using DLP (Digital Light Processing) technology.

The resin can be used to produce high performance functional parts such as injection molding tools, prototypes and also functional end-use parts.

The formula of SolFlex Comp White enables high compressive strength and temperature resistance. Also, the mineral filler material leads to an exceptionally low thermal expansion and a high Young's modulus.

- low thermal expansion
- high heat deflection temperature
- high Young's modulus
- high compressive strength

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GENERAL PROPERTIES	Test Method	Value
Density		1,6 g/cm^3
Viscosity (at 25 °C)		3000 mPa*s
Appearance		Opaque, White-Grey
HDT	Method A @ 1,8 MPa	142 °C

MECHANICAL PROPERTIES	Test Method	Value
Tensile Strength	ISO 527	64 MPa
Tensile Modulus	ISO 527	7900 MPa
Elongation at Maximum Load	ISO 527	0,91 %
Breaking Stress	ISO 178	56 MPa
Young's Modulus	ISO 178	7900 MPa

SolFlex Comp White can be processed on SolFlex 3D printers using the **PowerVat**.

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