

# Technical datasheet

## IM 2.0 General Purpose

### Product description

IM 2.0 GP resin is intended for use with DLP systems using a 365 nm LED to manufacture dissolvable molding tools for various types of injection molding of plastic, rubbers and MIM/CIM by FIM (freeform injecting molding).

### Application

FIM molds manufactured with AddiFab IM 2.0 GP are suitable for injection molding of thermoplastics and various composites such as MIM, CIM and can furthermore be used in LSR applications.



### Technical data

Liquid Material	
Colour	Yellowish
Wavelength	365 nm
Storage temperature	8-28 °C
Max. temp. during printing	75 °C
Cleaning solvent	Isopropanol
Viscosity	75 mPa s
Density	1.1 g/cm <sup>3</sup>

Post cured material	
Colour	Yellowish
Storage temperature	8-28 °C, Store airtight, protect against moisture.
Max. temp. of injection molding	400 °C
Tensile strength (ISO527-2)	40 MPa
Tensile elongation, break (ISO527-2)	50 %

### Key product benefits

Suitable for injection molding

Dissolvable

High repeatability