MONOCURE 3D
Advanced 3D Printer Resins

FLEX100™
100% FLEXIBLE RAPID RESIN - CLEAR

END USE

We designed our Rapid FLEX**100™** Resin for low powered LED/LCD DLP type 3D printers. The FLEX**100™** has an extremely high level of flexibility so you can 3D print compressible and bendable models. The thicker the part, the less flexible it will become. The clear appearance allows you to see internal structures when 3D printed.

PHYSICAL PROPERTIES

Product Code	3DFR-3781C
Colour	Clear Appearance
Viscosity	30-50 cps @ 25°C (Brookfield RVT)
Odour	Negligible Characteristics
Shelf Life	12 months
Active Solids	100%
UV Cure	225nm to 420nm
Cure Speed	Very fast with UV LEDs
Storage	Dark Cool, dry place out of direct sunlight.
Wash Up	RESIN**AWAY™** or IPA (Isopropyl Alcohol)

clear

APPLICATION

FLEX**100™** is intended for use with Digital Light Processing (DLP) 3D printers, which use UV LED light or a projector to harden the resin layer by layer. FLEX**100™** can be used on its own or by mixing with our Rapid colour range to produce varying degrees of flexibility and firmness. By adding a small amount of FLEX**100™** to the Rapid resin would create a less brittle and more durable part. By adding larger amounts, the more flexible it will become. Please ensure that you weigh the products so results can be replicated. Our CMYK pigment set can be used to obtain the required colours you desire. It's always important to follow the safety and technical information before use.

PACKAGING

The Monocure FLEX**100™ -** 100% Flexible Rapid Resin is packed in 500ml, 1ltr & 5ltr UV safe black plastic containers with a screw-top cap.