

IRIX® Digital Stone

Nano ceramic resin for direct printing, available in white, black, ivory, red, green.

Features

- Direct printing
- High resolution
- High accuracy
- Wide color range

Hints for Design

Thanks to Irix® the revolutionary “digital stone” available in all colours, designers will have the possibility of developing their creativity without any shape limit or colour restriction. The creation of the stone is performed using nanotechnologies applied to the additive process, obtaining a biocompatible material having the main features of a natural stone. Now it is possible to manufacture directly the object from the STL file without using conventional tools and methods.



Absolute Advantages:

- Biocompatibility
- No geometrical limit
- Wide colour range
- Maximum versatility for the manufacture of the finished product
- Matching with precious metals.

Technical characteristics of the liquid material	
Environmental values for use	22°C – 27°C – max. RH 40%-60%
Appearance/colour	white, black, ivory, red, green
Viscosity	2000 ~ 3000 mPa·s at 25°C
Technical characteristics after UV post-curing	
Tensile strength(MPa)	37
Elongation at break(%)	5
Tensile modulus(Mpa)	2060
Flexural strength (Mpa)	80,8
Flexural modulus (Mpa)	2610
Surface Hardness (ShoreD)	92
Application/Use	Digital Stone

Irix® Digital Stone can be used in the whole DigitalWax® J range