

Fospia 3D printing resin

SLA Type [SeteroLithography Appartus]

Technical Data Sheet

May 2017

Technical Data Sheet [EFIRON[®] FOS-1000(WHITE)]

Physical Properties

Viscosity(25°C)	906 cps
Secant Modulus	140.7 MPa
Tensile Strength	15.2 MPa
Elongation	32.4 / %
Curable Wavelength	280nm ~ 410nm
Characteristic of accuracy	0.025 / um

1. Curing Condition

The minimum UV dose for complete cure is about 0.025~0.05 J/cm²

2. Storage

EFIRON FOS-1000(WHITE) can be polymerized under improper storage conditions. Store materials should be away from direct sunlight and presence of oxidizing agents and free radicals. Storage temperature range is between 10 °C to 30 °C

3. Shelf Life

EFIRON FOS-1000(WHITE) has a recommended shelf life of 12 months from the date of manufacture, provided that the above storage conditions are properly maintained

4. Precaution

EFIRON FOS-1000(WHITE) can cause skin and eye irritation after contact. Therefore, avoid direct contact with these materials. If contact occurs, immediately rinse affected areas copiously with water.

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