

EVOCURE

CAST PRO

Technical Data Sheet

PRODUCT DESCRIPTION

Step into the world of cost-effectiveness and increased productivity with EVOCURE CAST PRO resin. This cutting-edge solution is designed for printing precision casting objects, delivering fast and efficient results for a wide range of applications. The resin elevates the quality of the digital design process for casting parts, ensuring precision, smooth surfaces, and reproducible castings without distortion. EVOCURE CAST PRO resin serves as a foundation for high-precision castings such as model skeletons, crowns, and bridges. It guarantees accurate results without any contamination issues, as printed parts burn out completely, leaving no residue. The universal formula guarantees compatibility with LCD/DLP 3D printers with a wavelength range of 385nm and 405nm. The specially adapted Sapphire Blue colour enhances visibility, allowing even the tiniest details to stand out.

TECHNICAL DATA

Flexural Strength	Flexural Modulus	Strain
39,81±10% MPa	811,08 ±10% MPa	8,85±10 %
Shore D Hardness	Viscosity	Wavelength Range
85-88 D	50-170 mPa*s	385µm - 405µm

AVAILABLE PACKAGES AND COLOURS

PRODUCT	COLOUR	SIZE	INDEX
EVOCURE CAST PRO	SAPPHIRE BLUE	250g	EC1201
EVOCURE CAST PRO	SAPPHIRE BLUE	500g	EC1202
EVOCURE CAST PRO	SAPPHIRE BLUE	1kg	EC1203

The above data have been determined by averaging the results from printers with a light wavelength of 385 nm/405 nm. The aforementioned mechanical properties may vary depending on the printer used, cleaning, drying, post-curing chamber, or temperature and humidity conditions. Variations in the printing process can lead to different mechanical and colour parameters. Our products are continuously developed and researched, and we reserve the right to change product parameters without prior notice.