



## PrimeCast 101

PS

EOS GmbH - Electro Optical Systems

Mechanical properties	Value	Unit	Test Standard
Tensile Modulus	<b>1600</b>	MPa	ISO 527
Tensile Strength	<b>5.5</b>	MPa	ISO 527
Strain at break	<b>0.4</b>	%	ISO 527

Thermal properties	Value	Unit	Test Standard
Glass transition temperature (10°C/min)	<b>105</b>	°C	ISO 11357-1/-2
Decomposition Temperature	<b>229 - 555</b>	°C	DIN 51006

Other properties	Value	Unit	Test Standard
Density (lasersintered)	<b>770</b>	kg/m <sup>3</sup>	EOS Method

## Characteristics

### Processing

Laser Sintering, Rapid Prototyping

### Delivery form

Powder