



SPECS

FEATURES

355 Castable is optimised for investment casting. It is formulated to ensure no heavy metal impurities are present after burning. It is organic and does not expand significantly on heating. This leads to cleaner, more reproducible end casted parts while still allowing rapid printing and processing times.

The versatile nature of 355 Castable leads itself to be used in other applications such as prototyping parts and general part production without needing to swap out resins. It has been devised for the use with large format SLA machines. This resin is perfect for master patterns, functional prototypes, and general production where similar properties to injection moulded parts are required.

Key Benefits

- Antimony free leading to cleaner burnout
- Accurate parts regardless of size
- Excellent humidity resistance
- Excellent part finish Ideal Applications
- Master pattern
- Functional prototyping

DATA

Viscosity 500-630 cPs
(At 25°C Brookfield spindle 3)

Hardness 87 Shore D
ASTM D2240 (After post exposure)

Tensile strength 42 MPa
ASTM D638 (After post exposure)

Tensile strength 43-46 MPa
ASTM D638 (Before post exposure)

Tensile modulus 2270-2400
ASTM D638 (After post exposure)

Elongation at break 6-9%
ASTM D638

Heat deflection temp 47 °C
ASTM D648

Tg 42 °C
ASTM D648

Storage 10<t>50°C

Density 1.06 g/cm³

Ec (mJ/cm²) 11.5

Dp (mils) 5.5

Ash content <0.01%

AVAILABLE COLOURS

Clear only

Available in 18 kg pails or 200 kg drums

Profiles available on request