

# RR102-DC

## Resin for Casting

- Strong & Durable
- Fast curing
- Cost effective
- Excellent surface finish



RR102-DC is finely tuned to unlock the full potential of 335nm large-format SLA printers. With its remarkable attributes, including ultra-low viscosity, minimal ash content, and the absence of Anatomy or Phosphorous, this resin delivers exceptional green strength.

	Green	Post-cured	Method
Tensile Modulus (MPa)	2800	3300	ASTM D638
Tensile Strength (MPa)	29	38	ASTM D638
Elongation (%)	3.2	4.0	ASTM D638
Water absorption (mass gain)	-	0.19%	ASTM D570
Flexural Modulus (MPa)	3300	3500	ASTM D790
Flexural Strength (MPa)	75	91	ASTM D790
Shore Hardness	86 D	88 D	ASTM D2240
HDT @ 0.455 MPa	64 oc	72 oc	ASTM D648
HDT @ 1.82 MPa		53 oc	ASTM D648
CTE um/m.C T>Tg T<Tg	-	186 55.7	ASTME831-93