

ROBUSTA G : TOUGH AND DURABLE

Robusta G is an ultra-tough white plastic that is hard to break and can handle challenging builds. It acts as a placement for CNC-machined polypropylene or ABS and is ideal for producing master models for vacuum casting. It has all the benefits and convenience associated with Formula L1 but is significantly stronger, which opens an additional range of uses.

Applications

- Functional Prototypes that need to be tough
- Snap-fit models
- Jigs and Fixtures



Advantages

- Very strong and durable
- Convenient to clean and finish
- Highly detailed
- Accurate



ROBUSTA G TECHNICAL DATA SHEET

Liquid Properties			Optical Properties		
Appearance	Clear (Customizable)		DP	0.14	(Slope of cure-design vs. ln E) curve)
Viscosity	593 cps	@25 °C	Density	1.120 g/cm ³	@25°C (77°F)

Mechanical Properties (90 Minutes UV Postcure)		
ASTM Method	Property Description	Value
ASTM D 638	Tensile Modulus	2304 MPa
ASTM D 638	Tensile Strength at Break	57.70 MPa
ASTM D 638	Elongation at Break	7.40%
ASTM D 648 @ 66PSI	Heat Deflection Temperature	55°C
ASTM D 790	Flexural Strength	70.43 Mpa
ASTM D 790	Flexural Modulus	2069 Mpa
ASTM D 256	Izod Impact (Notched)	49.0 J/m
ASTM D 2240	Hardness Shore D	81

*These values may vary and depend on individual machine processing and post-curing practices.