

# FlowCast®

## DESCRIPTION

FlowCast® is a high performance, commercial grade casting epoxy that cures to a clear, UV resistant, glass-like finish. It is a 100%-solids, two-component epoxy formulated for a long get time. It has low exothermic heat buildup and cures to a crystal-clear solid that resists stress cracking. Perfect for casting and see-through encapsulation, accentuating and magnifying the objects within. It can be poured at any thickness and cures to a water-like appearance.

## ADVANTAGES

- Made from >20% Bio renewable carbon
- Resistant to Crystallization
- Low Odor
- 100% Solids
- Self leveling
- Enhanced air release
- Water White Clear
- Easily Tinted
- Weather resistant
- Impact and abrasion resistant

	Resin	Hardener
<b>Appearance</b>	Clear Viscous Liquid	Clear Liquid
<b>Viscosity at 25°C</b>	350-450 cps	60 cps
<b>Specific Gravity</b>	1.11	0.98
<b>Mix Ratio</b>	2:1 by Volume	

	Resin Curing
<b>Gel Time (100 gr. mass)</b>	>24 hours at 23°C
<b>Casting Tack Free Time</b>	48 Hours
<b>Full Cure</b>	72 Hours @ > 15°C

	Final Cured Resin Properties
<b>Hardness Shore D</b>	80 +
<b>Tensile Strength (MPa)</b>	N/A
<b>Tensile Modulus (GPa)</b>	N/A
<b>Elongation @ maximum stress %</b>	N/A
<b>Elongation @ Break %</b>	N/A
<b>Flexural Strength (MPa)</b>	N/A
<b>Flexural Modulus (GPa)</b>	N/A
<b>Strain at Max. Stress (%)</b>	N/A
<b>Ultimate Compressive Strength (MPa)</b>	N/A
<b>Notched Impact Resistance (J/m)</b>	N/A
<b>Glass Transition Temperature (Tg) (°C)</b>	N/A

This material is for professional use only, using adequate ventilation and protection from eye and skin exposure. Any information supplied with this material is given on good faith but should be verified by the end user, as is the suitability for their application. The warranty of this materials shall be limited to the replacement of defective materials.