

Draft 3: Aug 2016

ArtResin is a clear 2 part epoxy resin system designed for creative applications.
 ArtResin contains no VOCs, is water-clear, and offers industry leading non-yellowing properties.

Mixing Ratio	Conforms to ASTM D-4236
By Volume - Resin/Hardener 1:1	
By Weight - Resin/Hardener 100:84	Safe for incidental food contact once cured (as per FDA 21CFR177.2280)
1 gallon of ArtResin RESIN is 9.4562476lbs and the specific gravity is 1.1352038	No VOCs (No fumes)
1 gallon of ArtResin HARDENER is 8.055lbs and the specific gravity is .9669867	Non-flammable
Viscosity at 25° C / 77° F	Heat Resistance (once cured) Suitable for applications up to 50°C / 122°F
Resin - 3200 CPS	
Hardener - 4000 CPS	Tensile Strength
Mixed - 3500 CPS	8000 psi / 55 MPa
Coverage	Tensile Modulus
4 oz covers 1 sq ft at 1/16" thick	400,000 psi / 2.76GPa
Working Time / Pot Life	Flexural Strength
40-60 min at 23-25°C / 72-77°F	15,000 psi / 103 MPa
Curing Times	Flexural Modulus
Touch Dry: 5-8 h, Hard Cure: 24 h, Full Cure: 72 h	45,000 psi / 3.10GPa
Curing is accelerated in a warm environment	Compressive Strength at yield
	11,000psi / 75(MPa)
Elongation 7%	Compressive Strength at Failure
	30,000psi / 207(MPa)
Shrinkage 0%	
Shore D Hardness 78	

Chemical Resistance: Impervious to water, alcohol and most other chemicals.
 Storage: Keep containers tightly sealed and away from heat and cold.
 Shelf Life: 1 year unopened.
 Health and Safety: Wear gloves. Work in a well ventilated area. Refer to SDS available at ArtResin.com

All information is given in good faith and without warranty. Properties are given as guidelines only and should not be taken as a specification. ArtResin Inc. cannot be held responsible for the performance of its products within any application determined by the customer.