



## THERMOSET EPOXISSET EC2085 THIXO

### Product Highlights

- Thixotropic epoxy formulation for gel coat, laminating, and tooling applications
- Designed for applications that require high strength and chemical resistant coatings
- Exhibits good adhesion and will coat vertical services without sagging

Mixing Properties:	Part A	Part B
Mix Ratio (Parts by Weight)	100	20
Mix Ratio (Parts by Volume)	100	25
Color	Gray	Light Yellow
Viscosity @ 77F	62,500	5,000
Mixed Viscosity @ 77F	30,000	
Specific Gravity @ 77F	1.19	
Gel Time @77F	20 minutes +/- 5	
Demold Time (varies w/ mass)	4 – 8 hrs (varies based on mass)	
Visual color of cured parts	Gray	

Physical Properties:	ASTM Method	Cure 1
Hardness, Shore D	D-2240	85 +/- 5
Flexural Modulus (PSI)	D-790	550,000
Tensile Strength (PSI)	D-638	20,000
Elongation (%)	D-638	2%
IZOD Impact Notched (ft-lb/in)	D-256	0.8
Shrinkage (in/in) (5" sample)	D-2566	0.0002
Color	VISUAL	Red

**Cure 1: Physical properties obtained using ambient room temperature (77°F). Tested after 7 days**

### Other related products offered

- Silicone rubber
- Mold release agents
- Mix tubes
- Additional products available. Inquire directly for products not listed.