

Product Bulletin

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EL-324-SC
EPOXY STYLING COMPOUND
LIGHT WEIGHT - GRAY
ROOM TEMPERATURE USE

0302

DESCRIPTION

EL-324-SC is a light weight epoxy "styling compound" that can be applied up to 4" thick, similar to styling clay, without creating excessive exotherm and shrinkage which curing to a hard readily machinable surface.

This epoxy "styling compound" is a color coded system. The system can be easily mixed in a dough mixer (Hobart) before application. Models cut from EL-324-SC demonstrate a hard, smooth, seamless surface that can be easily finished by hand.

HANDLING CHARACTERISTICS @ 25°C/77°F

Mix Ratio (parts by weight)	100R/60H
(parts by volume)	1R/1H
Density (Mixed)	4.5 lbs/gal
	0.017 lbs/cu in
Specific Gravity (Mixed)	0.47 gms/cc
Viscosity (Mixed)	Syntactic
Pot Life (1 lb)	120-150 minutes
Peak Exotherm (1 lb, 6" deep °F)	220
Demolding Time	16-24 hours
Complete Cure	7 days
Color Resin - White Hardener - Black	Mixed - Gray

PROPERTIES

Hardness	60-65 Shore D
Coefficient of Thermal Expansion (ASTM D-696)	2.16×10^{-5} in/in/°F
Flexural Strength (ASTM D-790)	1,641 psi
Tensile Strength (ASTM D-638)	909 psi
Compressive Strength (ASTM D-695)	6,100 psi

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