

PROCAST®

MEDIUM CURE POLYURETHANE RESIN

POLYURETHANE RESIN

PRODUCT DESCRIPTION

Procast is a two-component rigid urethane casting compound. It cures to approximately Shore 65D and is Tan in colour. Procast is rapid setting and demonstrates more flexibility than other similar materials. Procast is compatible with a wide range of fillers and can reproduce intricate detail as a result of its low viscosity. The system is easy to process with a 1:1 mix ratio and has a low setting exotherm temperature of only 77°C. Procast can be demoulded in 1-3 hours dependent on cast thickness.

TYPICAL PRODUCT USES

Pattern & Foundry Tooling
Architectural Models
Model Kits
Collectibles
Masters and Prototypes
Movie Props
Mirror/Picture Frames & Ornamental Mouldings
Decorative Components

PHYSICAL PROPERTIES

Colour:	Tan
Hardness, Shore D:	65
Specific Gravity, gm/cc:	1.08
Ultimate Tensile, PSI:	4450
Elongation %:	6.0
Linear Shrinkage, in/in:	0.0169

HANDLING PROPERTIES

Mix Ratio (by weight)	Part A:	100
	Part B:	100
Viscosity, cps @24°C	Mixed:	150
Work Life:	5 minutes	
Demould Time:	1-3 hours	
Shelf Life:	6 months in unopened containers @ 24°C	