



BCC Kwik Kast II is an advanced fast cast polyurethane tooling system. BC 8002 exhibits exceptionally low viscosity, low odor and is color contrasted for uniform mix. It features low exotherm and minimal shrinkage. Kwik Kast II cures hard, yet more durable resulting in less brittle parts. Designed for constructing patterns, prototypes, duplications, negatives, low temperature vacuum form tools, tracing models, etc..

Working Properties

Mix Ratio (by weight or volume)	1 to 1
Mixed Viscosity (1 minute)	1,000 cps
Brookfield (#2 spindle @ 20 rpm)	
Working Life, 24°C (75°F), 1 lb. mass	5 minutes
Color, Part A	Black
Part B	White
Cured	Gray/Aluminum
Demold Time, 24° (75°F)	1 to 2 hours

Physical Properties

Specific Gravity (cured) gms/cc	1.62
Lbs./cu.in.	0.058
Cu. in./lb.	17.2
Hardness, Shore D (ultimate)	85
Compressive Strength	9,200 psi
Lineal Shrinkage	0.0008 in./in.

Handling Properties

BCC's Kwik Kast II is a fast -setting, two part casting system which requires careful preparation prior to mixing parts A and B. Because Kwik Kast II contains components of high density there will be some separation at the bottom of each container. Using a paint shaker, jiffy mixer, or mixing spatula, resuspension of the ingredients is easily accomplished. Precaution should be taken to prevent any moisture contamination from containers or utensils. It is recommended that the work area be well ventilated and normal cleanliness and safety rules be observed. Avoid prolonged exposure to vapors and contact with skin.