



# BC-8009 Slo-Kast

## DESCRIPTION

BCC Slo-Kast is a low viscosity, medium setting, easy to use casting material. This polyurethane system features extremely low shrinkage when properly cured. Unlike Kwik-Kast, BC 8009 offers the user longer working time (15 minutes for filling closed mold cavities and up to 25 minutes when casting into open molds). Slo-Kast is ideal for casting large sections without having to stage pour. Uses include; tracing models, core boxes, keller aids, patterns, core sticks, vacuum form tools, prototypes and display parts.

## Working Properties

Mix Ratio (by weight or volume)	1 to 1
Mixed Viscosity ASTM-D 2393 Brookfield (#3 spindle @ 20 rpm)	2,250 cps
Working Life, 25° C (77° F), 1 lb. mass	14-18 minutes
Demold Time 24° C (75° F)	3 - 4 hours *

## Physical Properties

Specific Gravity, Cured (ASTM D-792)	1.8-1.9
Lbs/cu. in. (average)	0.067
Cu. in./lb (average)	15
Hardness, Shore D ASTM D-2240	85
Ultimate Flexural Strength (ASTM D790)	6,900
Tensile Strength ASTM D-638-69	5,850 psi
Compressive Strength ASTM-D-695	8,800 psi
Linear Shrinkage ASTM D-2566	0.0002 in/in**
Deflection Temperature °F	173

\*Dependant upon wall thickness of casting

\*\* Results obtained from a 24 hour demold