



Casting Urethanes

Simply the best in reproduction of your parts and models



BC8001 Kwik-Kast

BC8001 is an advanced fast cast polyurethane tooling system. It features low viscosity, low exotherm and minimal shrinkage. It 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.

Features:

- Mix ratio: 1:1 by wt.
- Pot life (1lb. mass) @ 75F: 6 minutes
- Viscosity (Mixed)@ 75F: 1,500cps
- Demold time: 30-45 minutes
- Color: Black

BC8002 Kwik-Kast II

Kwik Kast II is an enhanced fast cast polyurethane tooling system. It has been reinvented for greater moisture resistance and improved filler suspension for easier premixing of the components. Kwik Kast II exhibits low viscosity, low odor and is color contrasted for uniform mix. It features low exotherm and minimal shrinkage. BC8002 is designed for constructing patterns, prototypes, duplications, negatives, low temperature vacuum form tools, tracing models, etc.

Features:

- Mix ratio: 1:1 by wt.
- Pot life (1lb. mass)@ 75F: 5 minutes
- Viscosity (Mixed)@ 75F: 2,250cps
- Demold time: 1-2 hours
- Color: Gray

BC8007 Lik-Wood

BCC Lik-Wood is a low viscosity, quick setting, easy to use casting material. A model or tool cast from Lik-Wood will weigh 60% less than other filled urethane systems. Within 30 minutes after mixing and pouring, Lik-Wood is ready to be carved, sanded, filed, tapped etc.. It's amazing wood-like characteristics make it ideal for light-weight backing of laminates and/or surface coats. Perfect for fast take offs, cores, engineering changes, temporary molds, patterns, models, prototypes and bases for die models.

Features:

- Mix ratio: 1:1 by wt.
- Pot life: 6 minutes
- Viscosity (Mixed)@ 75F: 1,500cps
- Demold time: 25-45 minutes
- Color: Pine/Light yellow

BC8009 Slo-Kast

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 for filling large closed mold cavities. 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.

Features:

- Mix ratio: 1:1 by wt.
- Pot life (1lb. mass) @ 75F: 15-25 minutes
- Viscosity (Mixed)@ 75F: 2,250cps
- Demold time: 3 1/2-4 hours*
- Color: Black/Gray
- *dependant on wall thickness of casting.

BC8010 Metal-Kast Slo

BC8010-2 Metal-Kast/Slo, the result of extensive research and development is an aluminum filled, metal-like, medium setting urethane reproduction plastic. A slower version of the BC8010 Metal-Kast which allows the user longer working time for pouring larger castings or for filling closed mold cavities. BC8010-2 is ideal for the construction of low temperature vacuum form tools, prototypes, models, display parts, patterns, keller aids and bulk back fill.

Features:

- Mix ratio: 1:1 by wt.
- Pot life (1lb. mass) @ 75F: 12 minutes
- Viscosity (Mixed)@ 75F: 3,250cps
- Demold time: 1.5-2 hours
- Color: Aluminum

BC8645 Kwik-Kast Gray

BCC Kwik Kast/Gray is a two component, fast setting polyurethane reproduction plastic. BC8645 sets to a demoldable hardness within 30 minutes @ 77°F. Uses include; tracing models, core boxes, duplicating aids, patterns, prototypes, low temperature vacuum form tools, etc.

Features:

- Mix ratio: 1:1 by wt.
- Pot life: 7 minutes
- Viscosity (Mixed)@ 75F: 1,900cps
- Working life (1lb. mass) @ 75F: 5 minutes
- Demold time: 30-45
- Color: Grey

BC8650 Kwik-Kast Blue

BC 8650 is an advanced fast cast polyurethane tooling system. BC 8650 features low viscosity, low exotherm and minimal shrinkage. Kwik Kast Blue 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.

Features:

- Mix ratio: 1:1 by wt.
- Pot life (1lb. mass) @ 75F: 7-8 minutes
- Viscosity (Mixed)@ 75F: 1,350cps
- Demold time: 1-2 hours
- Color: Blue

BCC Products Kwik-Kast and other casting urethanes are all 1:1 mix ratio for ease of use. All our casting urethanes offer high quality surfaces after demolding and excellent reproductive properties.

Product	Mix Ratio (by weight)	Pot-Life (min)	Viscosity (mixed/cps)	Demold Time (hours)	Color
BC8001	1:1	6	1,500	30 - 45min	Black
BC8002	1:1	5	2,250	1 - 2	Gray
BC8007	1:1	6	1,500	25 - 45min	Light Yellow
BC8009	1:1	15 - 25	2,250	3.5 - 4	Black/Grey
BC8010	1:1	12	3,250	1.5 - 2	Aluminum
BC8645	1:1	7	1,900	30 - 45min	Gray
BC8650	1:1	7 - 8	1,350	1 - 2	Blue

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