



GT Products

BCC 8007 Urethane

BCC Like-Wood is a low viscosity, quick setting, easy to use casting material. A model or tool cast from Like-Wood will weigh 60% less than other filled urethane systems. Within 30 minutes after mixing and pouring, Like-Wood is ready to be carved, sanded, filed, tapped, etc.. Its 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.

Working Properties

Mix Ratio (by weight or volume)	1 to 1
Viscosity (ASTM-D-2393)	
Part A	1,100 cps
Part B	1,900 cps
Working Life (1 lb. mass) 75° F	4 minutes
Gel Time (ASTM-D-2471)	6 minutes
Demold Time 75° F	25-45 minutes

Physical Properties

Specific Gravity, Cured (ASTM-D-792-66)	0.64
Weight/cu.in. (lbs.)	0.023
Hardness, Shore D (ASTM-D-2240)	65
Tensile Strength (ASTM-D-638)	1,660 psi
Flexural Strength (ASTM-D-790)	2,730 psi
Flexural Modulus (ASTM-D-790)	1.71 x 10 ⁵ psi
Compressive Strength (ASTM-D-695)	3,050 psi
Impact Resistance	.58 ft. lbs./in.
Heat Distortion (°F) ASTM-D-648-56	133° F
Lineal Shrinkage (ASTM-D-2566-69)	.0029 in./in.

Handling Properties

BCC's Like-Wood is a fast-setting, two part casting system which requires careful preparation prior to mixing parts A and B. Because Like-Wood contains components having very low density there will be some separation at the surface of the material in its 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.