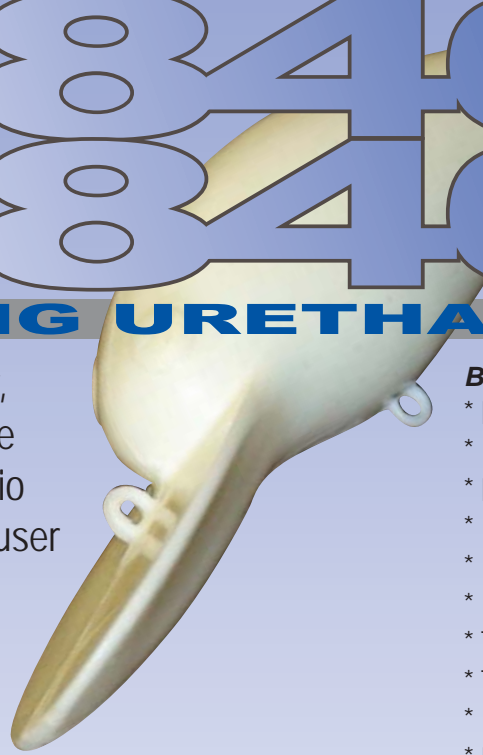




BC8400 BC8405

PROTOTYPING URETHANE RESIN

BC8400 is an unfilled, low viscosity, quick setting two component urethane system. An easy to use 1 to 1 mix ratio (Part A/Part B), **BC8400** offers the user a 3 minute working time with parts demoldable in as little as 30 minutes. When properly cured, **BC8400** will exhibit high impact strength and yield thermoplastic-like parts.



BC8400/BC8405 features include:

- * Mercury free
- * High impact strength
- * Moderate heat resistance
- * No objectionable odor
- * 1 to 1 mix ratio
- * Excellent finishing properties
- * Turns white upon cure
- * Thermoplastic appearance
- * Longer mold life
- * More parts per day
- * Ideal for prototyping bone
- * Easily tinted

BC8405 is an unfilled, low viscosity, quick setting two component urethane system. An easy to use 1 to 1 mix ratio (Part A/Part B), **BC8405** offers the user a rationable working time with parts demoldable in as little as 2 hours. When properly cured, **BC8405** will exhibit high impact strength and yield thermoplastic-like parts.

SPECIFICATIONS/PHYSICAL PROPERTIES

Specification	BC8400	BC8405
Mix Ratio (by weight or volume)	100:100.....	100:100
Color Cured (visual).....	White.....	White
Gel Time (minutes)	3.....	15
Demold (minutes)	30-60.....	120-240
Specific Gravity (ASTM D 792-66)	1.09.....	1.09
Cubic in/lb.....	25.4.....	25.4
Hardness (Shore D) (ASTM D 2240-66)	75 +/-3.....	75 +/-3
Ultimate Tensile Strength (ASTM D 638).....	5,326psi	5,401psi
Ultimate Flexural Strength (ASTM D 790)	8,770.....	9,011
Flexural Modulus (ASTM 790	250,900.....	264,890
Elongation % (ASTM D 638)	13.1.....	11.6
Impact Strength (ASTM D 256)		
Izod Notched (ft. lbs/in).....	1.34.....	1.32
Deflectin temperature (ASTM D 648)	145F.....	141F
Linear Shrinkage (ASTM D 2566)	0.0025.....	0.001

Packaging Availability:

Quarts, Gallons, Pail, Drum

Note: The information contained herein is believed to be reliable. All recommendations are made without guarantee inasmuch as conditions and methods of commercial use are beyond our control. Properties given are typical values and are not intended for use in preparing specifications herein.

BCC Products Inc.

2140 Earlywood Dr. • Franklin, IN 46131

Order-Line: 800-556-0067 • Fax: 317-736-4872 • www.bccproducts.com