BJB ENTERPRISES, INC.

"Dedicated to QUALITY, SERVICE, SAFETY, and INNOVATION"

RIGID FILLED & UNFILLED URETHANES

RC-884 FR A/B

RIGID 75 SHORE D URETHANE CASTING SYSTEM

PRODUCT DESCRIPTION:

RC-884 FR A/B produces a tough high impact rigid 75 Shore D material that is commonly used to make large computer housings, models of all kinds, and artwork components. It provides a working time of 15 minutes.

PRODUCT USES:

Computer Housings
Models of all kinds
Architectural models
Gears, wheels, fans

CURED PROPERTIES:

Hardness, Shore D	75
Specific Gravity (gm/cc) Density	1.31
Cu. in per pound	21.2
Color (natural-untinted)	White
Tensile Strength (psi)	5430
Tensile modulus (psi)	2.6 x 10 5
Elongation (%) (avg)	15.5
Flexural modulus, (psi)	280,000
Flexural Strength, (psi)	10,300
Notched Izod ft. lb./in (impact)	TBD
Unnotched Izod	TBD
Heat deflection temperature, °F 264 psi	130°
@ 66 psi	148°
Shrinkage 10" length, in/in; 7 day RT cure	.0025
Post cured, 16 hrs @ 160° F	.004

HANDLING PROPERTIES:

Mix Ratio:

Part A	100 parts by weight
Part B	85 parts by weight

Viscosity, Centipoise (cps) @ 77° F:

Part A	600
Part B	2500
Initial Mixed Viscosity	1100

Color:

Part A	Clear, yellow
Part B	White
Work Life @ 77° F (optimum fluidity)	15 minutes
Gel Time (180 gm mass)	25 minutes
Demold Time	8 hours
Cure Schedule	For maximum heat resistance RC-884 FR must be post cured.