



**BCC PRODUCTS, INC.**

**BLEHM PLASTICS**

FAST CAST – EPOXIES – URETHANES – POLYESTER PASTES – TOOLING BOARDS – RELEASE AGENTS – SILICONES

**BP 6007  
FAST-SETTING  
POLYSULFIDE RUBBER**

**DESCRIPTION:**

BP 6007 is a fast-setting, three component polysulfide that will cure at room temperature into a very flexible rubber mold with excellent dimensional accuracy and stability.

**USE PROCEDURE:**

Mix the resin and hardener in the ratios listed below. Gel-time may be adjusted from 10 to approximately 90 minutes by varying the amount of the three components. Thorough mixing is necessary to insure a uniform mix as the hardener will settle to the bottom of the mixing container when added to the resin. The short gel-times possible with BP 6977 are best suited with the use of a laminating technique to build up a mold. If it is desired to make a mold by casting, the longer gel-times available with a companion product, BP 6952 are better suited.

BP 6977 will bond to itself so that changes or additions to a mold may be made at any time. When a mold is to be used to cast epoxy, polyester, or to make a negative rubber mold, a release film will be required. A diluted PVA solution is recommended. BP 6977 will soften laquered surfaces if left in contact with these surfaces for more than two hours.

Use the following mix-ratios, by weight, as a guide:

	Resin	Hardener	Accelerator
10-15 minute gel @ 72°F	100	20	4
25-35 minute gel @ 72°F	100	15	4
90 minute gel @ 72°F	100	15	0

Note: Less than 15 parts hardener will not cure the rubber.

**PROPERTIES:**

Viscosity - mixed:	6,500 Brookfield cps @ 72°F
Specific gravity - cured:	1.375
Density - cured:	0.050 lbs./cu. in.
Hardness:	Shore A 10
Shelf life:	One year or longer

**PRECAUTIONS:**

Wash hands after use. Wipe-up all spills and dispose of properly. For further safety information, please see the MSDS.

2140 Earlywood Drive, P.O. Box 327, Franklin, IN 46131

Ph (317) 736-4090 Fax (317) 736-4872

Web: [www.bccproducts.com](http://www.bccproducts.com) & [www.blehmplastics.com](http://www.blehmplastics.com)