



PC-10 A/B

A CURATIVE POLYURETHANE GEL



PC-10 A/B is a low viscosity, 10 Shore A polyurethane gel system originally designed as a re-enterable encapsulant for a variety of electronic potting applications. It features excellent wetting and penetration properties. PC-10 A/B is easily re-enterable by hand or tools.

- Resists moisture absorption and is moisture insensitive during handling
- Does not contain MOCA, MDA, or TDI
- Very easy to use
- Non-foaming
- Non-corrosive and compatible with electrical components
- Cures at room temperature

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULTS
Hardness, Shore A	ASTM D2240	10 ± 5
Density (g/cc)	ASTM D792	0.95
Color/Appearance	Visual	Translucent Pale Yellow
Shrinkage (% by volume)	—	0.2
Water Resistance (% weight change) 30 days & 77°F (25°C)	—	+ 0.2

HANDLING PROPERTIES	Part A	Part B
Mix Ratio by weight	50	100
Specific Gravity @ 77°F (25°C)	1.02	0.91
Color	Pale Yellow	Colorless
Mixed Viscosity of A/B (cps) @ 77°F (25°C) Brookfield	150	
Work Time of A/B, 100g mass @ 77°F (25°C)	5 – 10 minutes	
Demold Time @ 77°F (25°C)	3 hours	

Properties above are typical and not for specifications.

STORAGE:

Store at ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 6 months from date of shipment when properly stored at recommended temperatures. Purge opened containers with dry nitrogen before re-sealing.

PACKAGING	Part A	Part B
Quart Kits	1 lb.	2 lbs.
Gallon Kits	4 lb.	8 lbs.
5-Gallon Kits	20 lbs.	40 lbs.

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeat or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

⚠WARNING: This product can expose you to chemicals including 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NOTE:

Refer to the Safety Data Sheet before using this product. For processing tips and guides, please visit: learn.bjbmaterias.com to discover additional information.