



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

URETHANE CASTING SYSTEM

Natural
XP2018-001

XP2018-001 is an unfilled, quick setting two component urethane system. An easy to use 2 to 1 mix ratio (Part A/Part B), **XP2018-001** offers the user reasonable working time with parts demoldable in as little as 3 minutes with properly heated mold. When properly cured, **XP2018-001** will exhibit high impact strength and yield thermoplastic-like parts. Some outstanding features include the following:

- *Mercury free
- *Moderate heat resistance
- *2 to 1 mix ratio
- *Thermoplastic appearance
- *Longer mold life
- *High impact strength
- *No objectionable odor
- *Excellent finishing properties
- *More parts per day

Working Properties

Mix Ratio (Part A/Part B)	224 to 100 by wt. 2 to 1 by vol.
Viscosity (ASTM D 2393-71)	
Part A	500 cps
Part B	3000 cps
Mixed	1000 cps
Color	
Part A	Amber
Part B	Turbid
Gel Time (200 gms) ASTM D 2471-71	90 sec.
Demold Time @ 77°F (25° C)	3 to 5 min.

Authorized Distributor




RUDOLPH
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1-800-375-0605 www.rudolphbros.com

Physical Properties

Specific Gravity (ASTM D 792-66)	1.12
Hardness Shore D ASTM D 2240-66	80 ± 3
Color (Cured)	Translucent
Ultimate Tensile Strength (ASTM D 638)	5,400 psi
Elongation (%) ASTM D 638	15
Impact Strength ASTM D 256 Izod un-notched (in.lbs./in.)	55
Deflection Temperature ASTM D 648	141°F

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. It is expressly understood and agreed that customer assumes and hereby expressly releases Bcc Products from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information

2140 Earlywood Drive, P.O. Box 327, Franklin, IN 46131
Ph (317) 736-4090 Fax (317) 736-4872
Web: www.bccproducts.com & www.blehmplastics.com