



POLYTEK® DEVELOPMENT CORP.
BCC PRODUCTS, INC.

Product Technical Datasheet

PolyPoxy® 5008-2 Laminating Epoxy

PolyPoxy® 5008-2 is a very low viscosity, modified, unfilled, room temperature curing, general purpose resin system. BC 5008-2 is a clear, amber, medium pot life material, with heat resistance to 175°F. Also considered an excellent general purpose adhesive for in-shop use and will function as a laminating system for horizontal surfaces.

Working Properties

Mix Ratio (Resin/Hardener)	100 to 25 by wt. 100 to 26 by vol.
Viscosity (Mixed) Brookfield @ 75°F	550 cps
Pot Life (1/2 lb. mass) @ 75°F	25-30 Minutes
Cure Schedule @ 75°F	8-12 Hours

Physical Properties

Specific Gravity (gms/cc)	1.10
Weight/cu.in. (lbs.)	0.040
Hardness (Shore D) @ 75°F	86
Heat Distortion Temperature (°F)	159
Tensile Strength (Ultimate) psi	9,500
Flexural Strength (Ultimate) psi	18,000
Compressive Strength (Ultimate) psi	17,400
Thermal Coefficient of Expansion in./in./°F	1.18 x 10 ⁻⁵

DISCLAIMER: The information in this bulletin and otherwise provided by Polytek® Development Corp. is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. Before using, the user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.

2140 Earlywood Drive, Franklin, IN 46131
Ph (317) 736-4090 Fax (317) 736-4872
Web: www.bccproducts.com and www.polytek.com

1/13/2020