

## GLASS BATCH

While we blend custom glass batch for many outstanding glass artists, we are particularly grateful to Jon Bush of Bush Handblown Glass in Lucerne Valley, CA for his advice and consultation over the years. Jon has generously shared some of his favorite batch formulas (see below). They are tested, proven and worth your consideration. If you have your own favorite, we are happy to prepare it for you (50 lb. minimum). Laguna packages all glass batch in moisture-resistant, plastic-lined bags to extend shelf life and prevent clumping.

<b>GB-101D SPGM #1</b>	Similar to Spruce Pine 87, this glass has a long working time and fits most Kugler, Riechenbach, Zimmerman, and Gaffer® colors. Decolorized with neodymium and antimony.	<b>Specs (depending on furnace and quantity):</b> Melting Temperature: 2350° F - 2400° F Gathering/Working Temperature: 2100° F Anneal/Holding Temperature: 915° F - 925° F Strain Point: 899° F - Calculated C.O.E.: 87 Measured C.O.E.: 92 - 94
<b>GB-108D SPGM#2</b>	If you like Spruce Pine, you should try this batch. Contains 1% lithium along with some zinc and barium.	<b>Specs are similar to GB-101D</b> with a Calculated C.O.E. of 85.5
<b>GB-100D JB' #1</b>	This glass sets up slightly faster than SPGM #1. It has a long pot life and fits most Kugler, Riechenbach, Zimmerman, and Gaffer® colors. It is decolorized with neodymium and antimony.	<b>Specs (depending on furnace and quantity):</b> Melting Temperature: 2360° F - 2410° F; Gathering/Working Temperature: 2100° F Anneal/Holding Temperature: 915° F - 925° F Strain Point: 899° F - Calculated C.O.E.: 85 Measured C.O.E.: 94-96
<b>GB-102D JB' #4</b>	JB #1 reformulated to fit Riechenbach No. 5.	<b>Specs are similar to JB #1</b> with a Calculated C.O.E. of 82 and a Measured C.O.E. of 90
<b>GB-107D JB' #5</b>	JB#1 modified with 1/2% barium.	<b>Specs similar to JB #1</b> with a Calculated C.O.E. of 85.9
<b>GB-109D JB' #6</b>	JB#1 modified to fit most Reichenbach, Zimmerman and Gaffer® colors. A good all around batch.	<b>Specs similar to JB #1</b> with a Calculated C.O.E. of 85
<b>GB-110D JB' #7</b>	This latest modification of JB#1 is Jon Bush's current studio glass. It has a long working time and fits most Kugler, Reichenbach, Zimmerman and Gaffer® colors.	<b>Specs similar to JB #1</b> with a Calculated C.O.E. of 86.6

## GLASS BATCH PRICE LIST

CAT. NO.	SLIP	50 LBS.	100 LBS.	500 LBS.	1,000 LBS.	1 TON
GB-101D	SPGM #1					
GB-108D	SPGM #2					
GB-100D	JB #1					
GB-102D	JB #4					
GB-107D	JB #5					
GB-109D	JB #6					
GB-110D	JB #7					

<sup>1</sup>Formula, descriptions, and specifications provided by Jon Bush.

All glass batch is sold in powder form. JB#1 and SPGM #1 batches are stock products. Other batches are made to order. Minimum order: 50 pounds. Making crucibles? Ask about our special crucible clay (S-2071). Minimum order: Pugged=1 ton; Dry=50 pounds.

