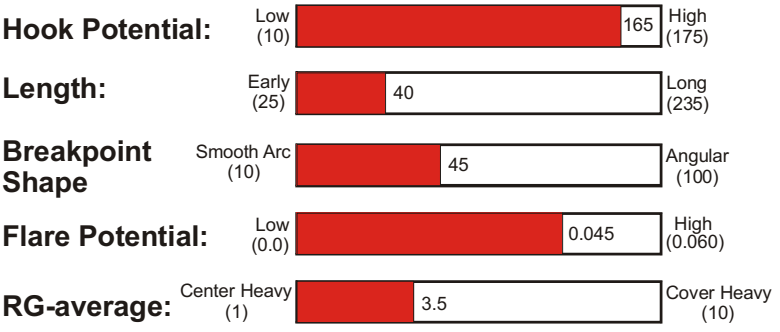
BVP™ Mammoth - Particle

Part Number
60-104699-93X
Coverstock
Activator High Load Particle
Color: Blue / Copper
Hardness: 76-78
Glow Engraving
Factory Finish
400-Grit Wet Sand
Core Dynamics @ 16#
RG Max: 2.544
RG Min: 2.499
RG Diff.: 0.045
Average RG: 3.5
Performance
Hook Potential: 165
Length: 40
Typical Breakpoint Shape: 45
Chart Position: T20
Available Weights
10-16 Pounds





BVP – Brunswick Value Performance – Exceptional Value and Great Performance

The Brunswick BVP™ series has been developed to provide the widest range of reactions available at the popular mid-price point. The BVP series provides any bowler the ball performance they're looking for at a price they can afford.

Technology

The BVP Mammoth brings two new technologies into the BVP line, ***Multi-Sided Symmetric Core Technology***, and ***Activator High Load Particle Coverstock*** to create performance that improves on the reaction of balls such as the BVP Goliath and Swamp Monster.

Multi-Sided symmetric core designs have been used in Brunswick High Performance balls since 2000. Featuring exotic shapes that are easy to drill, the Multi-Sided shape is locked into the outer core, leaving little chance for core separation. The ***Rocket Core*** used in the 14-16 pound Mammoth pushes the RG to a lower level than previous BVP balls. Brunswick research has shown that lower RG's are a better match for today's lane conditions, which often include: high efficiency lubricants, daily full-lane stripping and longer, higher volume lane oil patterns. In this environment, lower RG's improve mid-lane traction and reduce over/under reactions at the breakpoint.

The Mammoth utilizes a ***High Load Particle version of Activator Coverstock Technology***. Activator coverstock technology was introduced into Brunswick High Performance Balls in 2003 and is known for its durability and ball reaction. The Mammoth's Activator high load particle coverstock propels it to the highest hook potential rating ever for a Brunswick ball.

Reaction Characteristics

•**Out of the Box**: With its 400-grit wet sand surface, the Mammoth creates an early rolling, big hooking reaction favored by high speed or lower rev rate players who struggle with too much length or too little reaction in the oil.

•**When shined:** Dull surface finishes can sometimes hook too early resulting in reduced backend reaction and hitting power. To increase length, polish the surface with either **Brunswick's Factory Finish "High Gloss Polish" or "Rough Buff".** After polishing your Mammoth will go longer in the oil and react stronger to the dry creating an arc, that while still even in character, is slightly more skid/snap than the "out-of–the-box" reaction. A polished Mammoth has a slightly lower hook potential and is an excellent choice for smoothing the over/under reactions bowlers sometimes see with Reactive coverstock balls. When the dry part of the lane is too dry, either in the track or at the end of the oil pattern, a polished Mammoth can smooth over reactions, maintain good traction in the oil, while retaining the big hook potential associated with Reactive coverstocks.

Drilling and Reaction Setup

The BVP Mammoth can be drilled using the standard drilling techniques developed for two-piece balls, see the included drilling instructions for reaction characteristics and layout details.

Document # 60-900337-273

BVP™ Mammoth - Particle

Maintaining Your Ball Reaction

Brunswick recommends the following procedures to maintain and restore your Brunswick ball's reaction characteristics:

--Clean your Brunswick ball with ***Brunswick Remove All*** or similar ball cleaner after every use to reduce oil absorption.

--If you think your Brunswick ball has lost some of its "Out of the Box" reaction, restore the ball to its original factory finish listed on the product information sheet. This is especially important for balls that are highly sanded or polished. Sand to 400-grit then use ***Brunswick's Factory Finish High Gloss Polish*** to restore the original factory finish on high gloss polish balls. Sand to 220-grit then use ***Brunswick's Factory Finish Rough Buff*** to restore the original factory finish on rough buff balls. For dull balls, wet sand with the sandpaper listed on the product information sheet.

--If there is a visible track on your ball have your Pro shop use a Haas or similar resurfacing machine to remove the track then restore the ball to its original factory finish. This service is available, for a fee, at many Pro Shops.

--If your ball has more than 50 games on it, you may be able to increase mid-lane and back-end hooking action by removing oil from the coverstock. Remove the oil from the ball by gently warming it with either the ***Revivor*** or ***Rejuvenator*** Pro Shop devices that have been designed for this purpose. The service is available, for a fee, at many Pro Shops. Brunswick testing has shown that by combining the restoration of the factory finish, resurfacing of the track and oil removal your Brunswick ball can maintain its original "Out of the Box" reaction for hundreds of games.
Do not use a home oven to remove oil. Temperatures cannot be adequately controlled, and the ball may crack.

--Absorbent materials sold by other bowling ball manufactures to remove oil can also be used on Brunswick bowling balls. Information to date seems to indicate that absorbent materials have a more limited ability to remove oil than warming. You may be disappointed with results on heavily oil soaked balls.

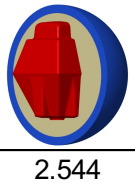
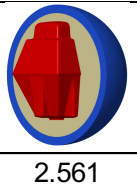
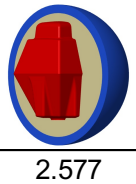
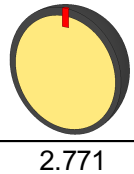
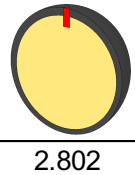
Note: Oil soaked balls tend to traction less in the oil and respond less to the dry boards on the lane. If you are matching-up using an oil soaked ball on wet/dry or broken down lane conditions, removing the oil from the ball will significantly change your match-up and possibly create undesirable over reactions.

Ball Comparisons

Want to compare the performance of this ball to other Brunswick balls? Go to our website at ***www.brunswick.com.vn.*** Click on ***Balls***, then click on ***Pro Shop Information***. This page contains a link to the ***Brunswick Ball Comparison Chart***. This chart allows you to see, at a glance, the performance of all Brunswick balls relative to each other, defined by their ***Hook Potential*** and ***Arc Characteristics***. There's even an essay to help explain and guide you through the chart.

Lightweight Engineering

At Brunswick the unique core shape of each individual ball is used for weights from 14 to 16 pounds. This approach to lightweight ball engineering provides bowlers with consistent ball reaction characteristics across this weight range.
At 12 & 13 pounds Brunswick uses a generic high performance core shape with a RG-differential of 0.045. This differential is in the same range used by the majority of our high performance designs allowing the use of the same drilling instructions for all balls 12 to 16 pounds..

Weight	16#	15#	14#	13#	12#	11#	10#
Core Shape							
RG-max.	2.544	2.561	2.577	2.660	2.686	2.771	2.802
RG-min.	2.499	2.516	2.532	2.615	2.641	2.769	2.800
RG-diff.	0.045	0.045	0.045	0.045	0.045	0.002	0.002

For the most up to date Product Line Information go to ***www.brunswick.com.vn***