

# Zone X Low Differential Tech Sheet

## *Zone X Mega Blue Pearl Low Differential*

### Part Number

60-103324 Low Differential

### Specifications

XLR reactive coverstock

Factory Finish: Double Buff

Color: Mega Blue Pearl

#### **Red Riser Pin**

Core: Xometric LD (Low Differential)

Hook Potential: 70

Length: 175

Breakpoint Shape: 80

RG Max: 2.613

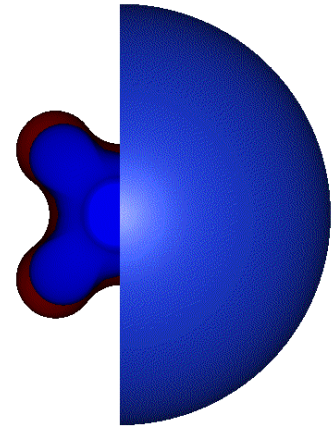
RG Min: 2.589

RG Diff.: 0.024

Average RG: 5.8 (scale of 1 - 10)

Hardness: 78-79

12 through 16 pounds



## *Zone X Mega Blue Pearl Low Differential*

Zone X low differential produces greater length using the XLR coverstock and a more controlled backend as a result of the lower differential core. The coverstock/core combination produces cleaner front-end reactions and a less violent breakpoints. This creates a fine tuned reaction for players with **High RPM Rates** on medium-oily to drier lane conditions.

## *Zone X Low Differential Drilling Notes*

The Xometric core has a decidedly asymmetric appearance but is properly drilled with friendly radially-symmetric core layouts. The low differential core lends itself to strong layouts and the use of balance holes to fine tune performance. Check out the Brunswick Web site at [www.brunswickbowling.com](http://www.brunswickbowling.com) for the latest advanced radially-symmetric core drilling instructions.

# Zone X High Differential Tech Sheet

## *Zone X Mega Blue Pearl High Differential*

### Part Number

60-103316 High Differential

### Specifications

XLR reactive coverstock

Factory Finish: Double Buff

Color: Mega Blue Pearl

#### **Green Riser Pin**

Core: Xometric HD (High Differential)

Hook Potential: 80

Length: 140

Breakpoint Shape: 85

RG Max: 2.615

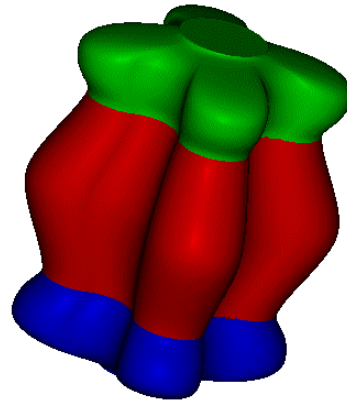
RG Min: 2.562

RG Diff.: 0.053

Average RG: 5.4 (scale of 1 - 10)

Hardness: 78-79

12 through 16 pounds



## *Zone X Mega Blue Pearl High Differential*

Zone X high differential maximizes the new XLR coverstock for unique performance

in the Brunswick High Performance line. The high differential core produces increased mid-lane reaction while maintaining a clean reaction through the front-end. This creates a fine tuned reaction for players with **Average RPM Rates** on medium-oily to drier lane conditions.

## *Zone X High Differential Drilling Notes*

The Xometric core has a decidedly asymmetric appearance but is properly drilled with friendly radially-symmetric core layouts. Check out the Brunswick Web site at **[www.brunswickbowling.com](http://www.brunswickbowling.com)** for the latest advanced radially-symmetric core drilling instructions.



## Technical Information

### ***ZONE X-Series Performance***

Zone X-series balls represent a major departure from traditional Zone reactions. X-Series bowling balls have been specifically designed to tackle medium-oily to drier lane conditions. X-series balls are offered in a high and low differential version. The low differential (red pin) ball has been engineered to meet the needs of the higher RPM rate player while the high differential (green pin) ball has been designed to meet the needs of the average RPM rate player.

### ***Zone X Coverstocks***

Zone X-Series balls are based on Brunswick's latest coverstock technology breakthrough -**XLR** "EXtra Length Reactive" coverstocks. The development of these new Reactive coverstocks add a class of ball reactions that go longer, are less affected by broken down or early hooking heads, and are smoother off the dry down lane than the PowrKoil coverstocks found in **Zone Reactives**.

### ***ZONE X- Series Design***

Zone X-Series breaks tradition with a radical new concept in core design. To date, all dynamically symmetric balls have used core designs with circular cross-sections under the pin. The core might be bigger or smaller; light bulb, football or grenade shaped, but always limited to a circular cross-section. In the process of designing the Zone X, Brunswick engineers discovered a way to create dynamically symmetric core shapes that are not limited to circular cross sections. The result is a totally new shape that allows higher RG's using smaller cores and cores with larger surface areas for better bonding to the shell.

The Xometric core designed especially for the Zone X features an X shaped cross section with a modular core design that contains a main body and two power pucks surrounded by an outer core.

By adjusting the density of the body, power pucks and surrounding core the Zone X can be tuned to produce both high differential (HD) and low differential (LD) versions from the exact same core

shapes. The density adjustments also allow the dynamics of both the HD and LD versions to be tuned to a wide range of weights from 12 through 16 pounds.

