



# TURBO C

## New Product Evaluation

<b>PRODUCT</b>	TURBO C ENHANCED REACTIVE RESIN™ WITH MILLABLE CERAMIC ALLOY
<b>PROJECT</b>	PHOENIX-C
<b>START DATE</b>	January 9, 1995
<b>COMPLETION DATE</b>	April 13, 1995
<b>OBJECTIVE</b>	Design characteristics into a Reactive Resin™ ball with a millable ceramic alloy type of core.
<b>CORE</b>	Multi-piece core construction with a millable ceramic alloy top weight piece inverted in the ball.
<b>VENEER</b>	Approximately 10.75 pounds of Enhanced Reactive Resin™ in the finished 14, 15, and 16 pound balls. The veneer is composed of a polymeric blend engineered from our original Reactive Resin™ formula. This reformulation allows for stronger lane-gripping action.
<b>PERFORMANCE CHARACTERISTICS</b>	This veneer in conjunction with a technically advanced core design offers gripping action with increased kinetic energy. The Turbo C weight series is engineered individually to create characteristics that are specific to each ball weight. The Turbo C, along with the other Turbo series bowling balls, has the same performance consistency characteristic. Since this product works well in wet/dry conditions, there is little tendency for over/under reaction. The Turbo C possesses a controllable arc style hook with a constant breakpoint for most lane conditions in play today.
<b>TEST RESULTS</b>	Through subsequent testing by Ebonite's Research and Development and Pro and amateur staffs, of which four tests were held, a combination of characteristics in a Reactive Resin™ ball with a millable ceramic core resulted in a wide range of drilling capabilities for optimum ball reaction.
<b>QUALITY ASSURANCE DEPARTMENT EVALUATION</b>	Based on the test results referenced above as well as in-house testing and production, this product is ready for introduction. Authorization is hereby granted for unlimited production.

## General Specifications

<b>HARDNESS</b>	76-78 Shore D
<b>TARGET WEIGHT</b>	14, 15, 16 pound -1.0 oz., + 4.0 oz.
<b>TOP WEIGHT</b>	1.5 to 4.5 oz. <b>AVERAGE</b> 2.75 ozs.
<b>APPEARANCE</b>	Shiny Hunter Green Pearl Reactive Resin™ Veneer.
<b>BALL ROUNDNESS</b>	+ or - .002" nominal
<b>DIAMETER</b>	8.595" <b>AVERAGE</b> 8.585"
<b>DRILLING</b>	TURBO C may be drilled in the same manner as you would drill the Turbo X or Turbo XL.

