



TURBO XL

New Product Evaluation

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| PRODUCT | TURBO XL ENHANCED REACTIVE RESIN™ |
| PROJECT | PHOENIX |
| START DATE | November 1993 |
| COMPLETION DATE | August 1, 1994 |
| OBJECTIVE | Design characteristics into a reactive type ball that will become the most versatile reactive product ever developed. |
| CORE | Multi-piece core construction with an inner component based on the architecture of the "Turbo X" core. |
| VENEER | Approximately 4.25 pounds of Enhanced Reactive Resin™ in the finished 10 through 16 pound balls. The veneer is composed of a new polymeric blend engineered from our original Reactive Resin™ formula. This reformulation allows for a stronger lane-gripping action as never thought possible. |
| PERFORMANCE CHARACTERISTICS | The redesigned veneer in conjunction with a technically advanced core design offers a delayed gripping action with increased kinetic energy. The "Turbo XL" weight series is engineered individually to create characteristics that are specific to each ball weight. There is increased potential for angular spin as the ball weight decreases providing even light weight balls an ability to deliver devastating power to the pocket. We call this design characteristic "Performance Consistency". Since this product works well in wet/dry conditions, there is little tendency for over/under reaction. The Turbo XL possesses a controllable arc style hook with a consistent breakpoint for most lane conditions in play today. |
| TEST RESULTS | Through subsequent testing by Ebonite's Research and Development and Pro and amateur staffs, we have isolated a combination of characteristics in a reactive ball that fits an incredibly wide range of bowlers along with varying lane conditions. This product is without a doubt the ball of choice. |
| QUALITY ASSURANCE DEPARTMENT EVALUATION | 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

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| HARDNESS | 76-78 Shore D |
| TARGET WEIGHT | 10, 11, 12, 13, 14, 15, 16 pound -1.0 oz., + 4.0 oz. |
| TOP WEIGHT | 1.5 to 4.5 oz. AVERAGE 2.75 ozs. |
| APPEARANCE | 600 Sanded Wine Reactive Resin™. |
| ALL ROUNDNESS | + or - .002" nominal |
| CORE ROUNDNESS | Dynamically balanced to + or - .005" |
| DIAMETER | 8.595" AVERAGE 8.585" |
| DRILLING | TURBO XL may be drilled in the same manner as you would drill the Turbo X. |

