



New Product Evaluation

PRODUCT	OMEGA (Acryllium White) OMEGA DRY (Acryllium Blue)
PROJECT	GENESIS
START DATE	November 1992
COMPLETION DATE	December 1994
OBJECTIVE	To create the most technologically advanced bowling ball using revolutionary core concepts of mass displacement and veneers of space age polymers. The product engineered will be powerful and versatile.
CORE	The architecture of the future, the Level 4 Core is based on a revolution in core technology. Through stereo-specific mass displacement, the Level 4 Core morphology exhibits the most extreme mass bias effects ever designed. This core is so powerful that it literally freezes the dynamic characteristics into the ball. This aspect leaves the ball virtually impervious to changes in mass displacement after drilling as never has been available before. The Level 4 Core and technology are both patent pending.
VENEER	Approximately 10.75 pounds of a unique blend of space age polymers (Acryllium) that offer unparalleled durability that is not seen in reactive type products. Acryllium has an extremely high coefficient of friction potential which allows for strong lane gripping action. This is attributed to complex surface topographical features that are engineered into this product. The Omega veneer is designed for aggressive gripping action. The Omega Dry veneer is a tame version of the Acryllium to facilitate extreme dry lane conditions.
PERFORMANCE CHARACTERISTICS	The union of this unique veneer in combination with today's most technological advanced core design offers the ability to get through the heads and with delayed gripping action. This maximizes the ball's momentum to the pocket delivering pin shattering power. This product unlike reactive type balls does not soak up lane oil. Lane condition will not breakdown as soon allowing for better, more consistent, play. Since this product is versatile and works well in wet/dry conditions, there is little tendency for over/under reaction. The Omega has more of a controllable arc style hook with a manageable and consistent breakpoint which accommodates most lane conditions in play today. Again as with all our products, each weight series is individually engineered to create performance consistency. This aspect in ball design will allow the maximum potential for lighter weight balls to impart stronger kinetic energy to the pocket.

General Specifications

HARDNESS	75-77 Shore D
TARGET WEIGHT	14, 15, 16 pound -1.0 oz., + 4.0 oz.
TOP WEIGHT	1.5 to 4.0 ozs. AVERAGE 2.75 ozs.
APPEARANCE	Shiney/Buffered finish
BALL ROUNDNESS	+ or - .002" nominal
CORE ROUNDNESS	Dynamically balanced to + or - .005"
DIAMETER	8.595" AVERAGE 8.585"
DRILLING	Drilling Specifications are available