What is the Product

NDMX™ Golf Balls by NanoDynamics®Inc.

What's nano about it?

- NDMX™ uses a nano-enhanced polymer in the manufacturing of the golf balls. The exact nanomaterials is not released by NanoDynamics because of proprietary concerns.

How does it work?

- The ball has a hollow metal core which distributes the weight of the ball to the outside. Typical balls have solid cores with the weight concentrated in the center.
- The nanomaterials are used to enhance energy transfer from the golf club to the ball. The materials also assist in the control the modulus of elasticity and specific gravity of the ball.
- By making the energy transfer more efficient, there is more lift with less spin which results in the golf ball traveling straighter for longer distances.
- NanoDynamics says that the elasticity and specific gravity of the balls help in putting. They are less likely to be put off the "putting line" by factors on the putting green.

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Does it have other applications?

- It could be used by other sports where accuracy of the ball is important.
    - Polo, croquet

Price

- A dozen balls cost around $60.00

Glossary

- Polymer - a very long molecule that consists of repeating units.
- Modulus of elasticity : is the mathematical description of how an object tends to be deformed when a force is applied to it.
- Specific gravity : the density (mass per unit volume) of a material
- Proprietary: Exclusively owned; owned by a private individual or corporation under a trademark or patent.

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Http://www.nanodynamics.com

Definitions came from:
http://en.wikepedia.org/wiki.Main.page
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