

RTP Company High Gravity Compound Improves Performance of Golf Discs

WINONA, MINNESOTA, USA -- (December 10, 2009) -- Gateway Disc Sports, supplier of high performance golf discs and accessories, has partnered with global custom thermoplastic compounder RTP Company to upgrade their Shur-Grip product line of discs. Gateway's aim was to improve grip performance while still maintaining flexibility, making the discs more thrower-friendly for both novice and professional golfers.

"Our main goal was to find a material that would accept mineral additives to reach a density of 2.0," explained David McCormack, owner of Gateway. "RTP Company engineers were able to formulate a material that reached 2.0 easily, allowing us to maintain the flexibility of our discs to adapt well to a variety of playing conditions. "

Gateway designers selected an RTP 2800B Series high gravity thermoplastic vulcanizate (TPV) compound for their discs. The material has excellent surface abrasion and impact resistance properties, which prolongs the durability of discs during use while its thermoplastic elastomer nature provides necessary flexibility.

"When using mineral additives to modify density, we've discovered the softer thermoplastic elastomer components tend to migrate to the part surface during molding," said McCormack. "As a result, every disc we make has a tacky, easy-to-grip surface. This is a significant benefit for golfers, especially when playing in less-than-ideal conditions."

RTP Company's TPV-based thermoplastic elastomer material is also fully colorable over a wide spectrum -- allowing for a variety of colors to cater to the preference of the golfer. "We really found a perfect match with RTP Company,"

McCormack added. "With their material, batches were consistently accurate during every stage of production, which made it easy to create a quality product."