



Granulator Handles Engineering Resin Designed Not to Cut

Technical Report



"Cut-Proof," "Tough-to-Cut," and "No-Cut" are a few of the superlatives golf ball manufacturers use to describe their SURLYN™ coverings.

DuPont advertises its SURLYN resin as being flexible, cut & abrasion resistant, and able to withstand high energy

impacts which result in high degrees of compression.

You can "bump it", "bang it," rap it," scrape it," and "whack it."

In spite of all this toughness WE CAN CUT IT. We have supplied Auger Feed Granulators to one of the major golf ball manufacturers for the past eight (8) years. These machines are granulating this material 24 hours a day, seven days a week, under very difficult conditions. The runner is very hot and relatively large and heavy; the sprue measures 5/8" thick.

Each granulator is being fed from three (3) injection molding machines through an automatic de-gating system, at approximately a 15 second cycle.

As you can see from the following machine specifications, our unique cutting action combined with a

water-cooled cutting chamber and #10 Blower Evacuation System enables us to successfully CUT (granulate) this tough material.



The Polymer Challenge: If you don't see exactly the system you need in our sales literature, don't be afraid to ask for changes. We routinely accept this sort of challenge from our customers. If we can do it, we will gladly modify and custom engineer our equipment to meet specific requirements. The best of these changes wind up in our standard product line.

LATEST MACHINE SPECIFICATIONS:

- 1010A
- 7.5 HP
- 1/4" screen
- 1.5 HP Auger Drive
- 3 Knife Solid Rotor

OPTIONS:

- Short Auger Trough
- Auger Trough Support Leg
- "0" Speed Switch
- Water-cooled Cutting Chamber
- #10, 1.5HP Blower Cyclone Evacuation System
- Automotive Type After Filter

SPECIAL OPTIONS

- Woods Drive Components
- Square D Controls
- Water Connections in Low Position