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## **Σ/Z Purge®**

E/Z Purge® is an ammonia-free, water-based product that removes and cleans unwanted color, material or burned polymer from extruders, injection or blow molding equipment. Purging is a critical part of routine maintenance, but costly in terms of system downtime, wasted materials and labor costs. The efficient action of cleaning and purging with E/Z Purge® enables you to make quick, complete changeovers from one color to another, and from one resin type to another, using your own scrap resin. E/Z Purge® is safe for workers and the environment.

### **Instructions for Use**

1. Fill a plastic container with double the amount of resin needed to fill the extruder barrel, or the amount usually used, if less.
2. Spray E/Z Purge® into the resin at approximately 2% by weight (example: 12 lbs. of resin at 2% = 4 oz. of E/Z Purge®; 50 lbs. of resin = 1 lb. of E/Z Purge®). Simply multiply your pounds of resin by .02 to indicate the amount of E/Z Purge® to use. Mix thoroughly wearing non-absorbent gloves.
3. Set the zone temperatures of your machine slightly lower than normal operating temperature.
4. Feed the E/Z Purge® resin mix into the hopper very slowly with the extruder set at 10 to 15 RPM. Continue feeding the purge mix until you see material coming out of the die. When the material comes out from the die, injection/blow molders should stop the screw for several minutes to let the E/Z Purge® work. Film/sheet extruders should wait 10 to 15 minutes before starting up.
5. Start up again and continue feeding the mixture into the machine. Run until all of the E/Z Purge® mixture is used up.
6. Dry all remaining moisture from the hopper (stop the screw rotation for safety).
7. Introduce your new resin and run until all remaining purging compound with E/Z Purge® is gone. (Zone temperatures should be reset at this time.)
8. For very dirty machines, or severely burned-on material, repeat the above procedure.
9. Polymer build-up on the machine parts can be prevented by using E/Z Purge® in a weekly preventative maintenance program.

*Quality, Service & Experience...*  
The *Experience* makes the difference!