



FRESH START PURGING SOLUTION™ GP-HH Hybrid

PRODUCT INFORMATION SHEET

Fresh Start Purging Solution™ GP-HH Hybrid is a patented, revolutionary, all-purpose purging compound which is intended to cover the needs of the plastic industry.

Fresh Start Purging Solution™ GP-HH Hybrid is one in a series of innovative and groundbreaking purges designed for the removal of unwanted pigments, polymers and contaminants without leaving residue. Fresh Start Purging Solution™ GP-HH Hybrid is a mechanical/chemical purging solution which addresses those applications which require this type of purging compound.

Applications:	Injection: Hot and Cold Runners / Blow Molding Extrusion: Profile / Sheet / Cast Film / Compounding / Blow Film
Process Temperature Range:	350°F – 625°F (177°C – 329°C)
Resin Types:	All types - except acetals (Delrin™, POM) refer to note below*
Minimum Clearance:	0.010 inch or 254µm (microns)
Amount of Purge:	Generally requiring 1 to 3 times the barrel capacity depending on the machines condition

Samples are available for evaluation.

Fresh Start Purging Solution™ series of compounds are produced in Ohio, USA and Ontario, Canada.

Fresh Start Purging Solution™ is a trademark of Fresh Start Polymer Solutions Inc.

Delrin™ is a trademark E.I. du Pont de Nemours

***Note: Acetal materials are not compatible with Fresh Start Purging Solution™ GP-HH Hybrid. Fresh Start Purging Solution™ MC2-HH is recommended for this purpose.**

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PROCEDURE FOR INJECTION MOLDING

Fresh Start Purging Solution™ GP-HH Hybrid is a patented, revolutionary, all-purpose purging compound which is intended to cover the needs of the plastic industry.

1. Please ensure that the **SDS** and Product information sheets are read and understood.

Always wear safety protection when running machines with purging compounds as per the workplace safety of your company.

2. Ensure that the barrel is empty of material to be changed before introducing purge.
3. Pour purge into hopper. For first time use, use approx. 2 to 3 times barrel capacity. After this, use only what is required for normal use. Typically, one barrel full suffices.
4. Rotate the screw ensuring that the back pressure is high enough to keep the screw forward, until material comes out of the nozzle. This will ensure that the heat is evenly distributed at the back end of the screw. The amount of time the purge needs to activate properly is 90 seconds from the time it hits the screw to the time it leaves the nozzle. If the time is less than this, leave the material in the barrel until 90 seconds elapses.
5. This purge is also safe to purge through the mixers, as well as the forming die (if applicable). It is also recommended as this will help rid of contamination.
6. Once the last of the purge has been added, and the screw is visible in the throat of the machine, simply introduce the next material to be used into the barrel. Continue to run that material through the system until the purging compound is completely gone and the next material is coming out clean. At this point, the machine is ready to run the next material
7. Please note that Fresh Start Purging Solution™ GP-HH Hybrid is not designed to remain in the barrel. If you are not running, and just shutting down, clear the purge compound from the extruder and fill the screw and barrel with enough Polypropylene or Fresh Start Purging Solution™ Weekender to create an air tight plug.

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