

PURGOVIN[®] 3000

PVC POWDER PURGE COMPOUND

PURGOVIN[®] is a unique vinyl based purging compound designed for use in the shutdown or cleaning of extrusion lines.

WARNING!

The use of Purgovin[®] compound in the purging process of polymers other than vinyl compounds may result in rapid chemical decomposition, causing equipment damage or pressure buildup. This is known to occur with Acetals and Polycarbonates.

ADVANTAGES OF PURGOVIN[®]

This compound offers excellent heat stability and can be use to:

- Terminate a production run in preparation for complete machine disassembly and cleaning.
- Shutdown a machine for an extended period without disassembly.
- Purge a machine without shutting down during product, die, or other process changes.
- Purge a machine during production on a problem prevention basis.

PHYSICAL PROPERTIES OF PURGOVIN[®]

Form: Powder Blend
Specific Gravity: 1.60 ± 0.02

AVAILABILITY OF PURGOVIN[®]

This compound is available in 1,000 pound multi-wall boxes.

IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. These values and sets of properties are based upon laboratory work with small scale equipment and does not necessarily indicate end product performance. Full scale testing and end product use and performance are the responsibility of the Buyer. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, any patents. "value" may not be construed as product specifications.

PURGOVIN® 3000

PROCEDURES FOR USING PURGOVIN® The first six steps are the same for A, B, and C.

A. Shutdown For Complete Cleaning	B. Shutdown Without Disassembly	C. Cleaning During Processing
1. Run rigid compound completely out of the hopper.	1. Run rigid compound completely out of the hopper.	
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2. Charge approximately 25-35 pounds of Purgovin® to the hopper. The amount may vary depending on machine size and design.	2. Charge approximately 25-35 pounds of Purgovin® to the hopper. The amount may vary depending on machine size and design.	2. Charge approximately 25-35 pounds of Purgovin® to the hopper. The amount may vary depending on machine size and design.
3. Turn barrel heats down across the board. 200°F is recommended. A higher temperature must be used if a severe build • in back pressure occurs.	3. Turn barrel heats down across the board. 200°F is recommended. A higher temperature must be used if a severe build • in back pressure occurs.	3. Turn barrel heats down across the board. 200°F is recommended. A higher temperature must be used if a severe build • in back pressure occurs.
4. Turn head and die heats completely off.	4. Turn head and die heats completely off.	4. Turn head and die heats completely off.
5. Turn screw cooling down to approximately 150°F.	5. Turn screw cooling down to approximately 150°F.	5. Turn screw cooling down to approximately 150°F.
6. Slow extruder rpm to IDLE SPEED.	6. Slow extruder rpm to IDLE SPEED.	6. Slow extruder rpm to IDLE SPEED.
7. Continue to run Purgovin® until it becomes very cold and friable exiting the die.	7. Continue to run Purgovin® until it becomes very cold and friable exiting the die.	7. When approximately 5 pounds of Purgovin® remains in the hopper, turn heaters on barrel, head, and die to normal operation..
8. Turn machine off and disassemble head and die parts. The nose of the screw should be visible after disassembly.	8. When the material ceases to exit the dies, turn heat off completely and stop the extruder..	8. When Purgovin® has emptied from the hopper, begin charging standard commercial material again.
9. Turn machine on at IDLE SPEED and continue purging for an additional 5-10 minutes until machine is empty. Unfused and/or partially fused powder should be existing off the screw.	9. Prior to using machine again, preheat for 30 minutes maximum, introduce 10-15 pounds of Purgovin® into the hopper and commence running until all Purgovin® has emptied from the hopper and normal operating temperatures are achieved.	9. Readjust screw cooling as necessary.
10. While purge is running in Step 9, clean material from head and die parts.	10. Introduce vinyl compound into the hopper and begin commercial production when all the Purgovin® has been purged from the system.	10. Begin producing commercial product when all the Purgovin® has been purged from the system.
11. When all the Purgovin® has run out of the extruder, stop the machine, turn off all barrel heats, and push out the screw, if necessary. Usually, little cleaning is needed.		

"Purgovin" is a registered trademark.

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