

PRODUCT INFORMATION

Purgex™ 459 Plus Commercial Purging Compound is a ready-to-use blend consisting of active ingredients with a polyethylene carrier. Purgex products have mechanical activity for efficient cleaning, foaming action for enhanced mixing and a lubricant for easy removal. Purgex thoroughly and safely cleans injection molding machines and hot runner systems.

Physical Description:

- Blend, polyethylene, viscosity modifier, and an active component
- Non-toxic, non-abrasive, and safe
- Ready to use and easy to remove

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|------------------------------------|--|--|--|--|
| Process: | <input checked="" type="checkbox"/> Injection Molding | <input checked="" type="checkbox"/> Injection Blow Molding | <input checked="" type="checkbox"/> Extrusion-Blow Molding | <input checked="" type="checkbox"/> Extrusion-Profile |
| | <input checked="" type="checkbox"/> Extrusion-Compounding | <input checked="" type="checkbox"/> Extrusion-Sheet | <input type="checkbox"/> Blown Film | |
| Works Best on These Resins: | <input checked="" type="checkbox"/> PP-Copolymer | <input checked="" type="checkbox"/> PC/ABS | <input checked="" type="checkbox"/> TPOs | <input checked="" type="checkbox"/> TPEs |
| Also Useful for: | <input checked="" type="checkbox"/> ABS <input checked="" type="checkbox"/> HDPE <input checked="" type="checkbox"/> PBT <input checked="" type="checkbox"/> Many other resins processed in this temperature range. | <input checked="" type="checkbox"/> Nylon <input checked="" type="checkbox"/> PP-Homopolymer <input checked="" type="checkbox"/> POM | <input checked="" type="checkbox"/> Startup <input checked="" type="checkbox"/> PVC-Rigid <input checked="" type="checkbox"/> PE | <input checked="" type="checkbox"/> Shutdown <input checked="" type="checkbox"/> PVC-Flexible <input checked="" type="checkbox"/> PU |
| Amount Needed: | 1 to 1.5 times barrel capacity, depending on condition of machine/tool and colorant/additive loading. | | | |
| Temperature Range: | 380°F to 550°F (193°C to 288°C) | | | |
| Recommended for: | <input checked="" type="checkbox"/> Hot Runners <input checked="" type="checkbox"/> Cold Runners | <input checked="" type="checkbox"/> Mixing Nozzles <input checked="" type="checkbox"/> Extrusion Dies | <input checked="" type="checkbox"/> Check Valves <input checked="" type="checkbox"/> Melt Pumps | <input checked="" type="checkbox"/> Accumulators |

Features & Benefits:

- ✓ Specifically created for automotive interior applications, Purgex 459 Plus has proven its effectiveness with challenging dark-to-light color changes and efficient cleaning of hot runner systems. Additionally, Purgex 459 Plus is versatile and is effective on a wide variety of resins.
- ✓ Engineered for rapid turnaround on color and material changes. Efficiently removes residual contamination.
- ✓ Effectively cleans the barrel, screw, check ring, as well as hot runner systems and is safely processed through hot runner gates as small as .030-inch (0.75mm).
- ✓ Thorough cleaning of melt pumps and is safely processed through dies as small as .030-inch (0.75mm).
- ✓ Active components in Purgex 459 Plus neutralize acid gases generated by PVC.
- ✓ With regular use, Purgex forms a temporary barrier which protects steel surfaces from oxidation, extending the cleaning process.