PURGEX™ 456 PLUS

Purgex™ Purging Compounds

PRODUCT INFORMATION

Purgex™ 456 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, and an active component
- Non-toxic, non-abrasive, and safe
- Ready to use and easy to remove

Process:	☑ Injection Molding	☑ Injection Blow Molding	☑ Extrusion-Blow Molding	☑ Extrusion-Profile
	☐ Extrusion-Compounding	☑ Extrusion-Sheet	☐ Blown Film	
Works Best on These Resins:	☑ PP-Copolymer ☑ HDPE	☑ PP-Homopolymer	☑ PVC-Flexible	☑ LDPE
Also Useful for:	☑ TPEs ☑ TPOs	☑ PVC-Rigid ☑ Many other resins processed in this temperature range.	☑ Startup	☑ Shutdown
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:	☑ Hot Runners ☑ Cold Runners	☑ Mixing Nozzles ☑ Extrusion Dies	☑ Check Valves ☑ Melt Pumps	☐ Accumulators

Features & Benefits:

- ✓ General purpose purging compound for color and/or material changes plus efficient cleaning of hot runner systems, Purgex™ 456 Plus has proven to be versatile and effective on a wide range 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™ 456 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.

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